SEPTEMBER 28, 1888.

THE WEEKLY NORTHWESTERN MILLER.



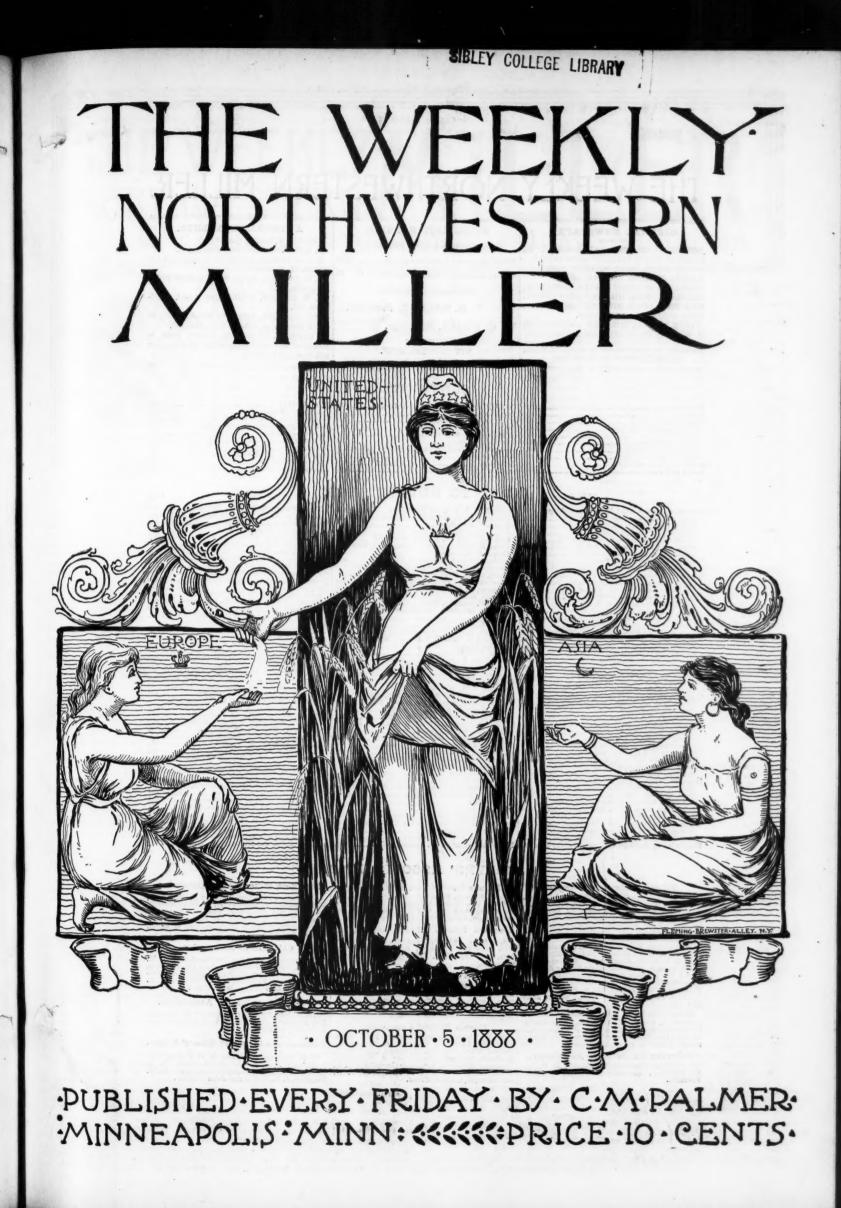


PRICE TEN DOLLARS. For sale by THE · NORTHWESTERN · MILLER,

Minneapolia, Minn.

XUM





XUM

OFFICIAL NEWSPAPER

OF THE MINNESOTA MILLERS' STATE ASSOCIATION. ILLINOIS STATE MILLERS' ASSOCIATION. SOUTHERN ILLING' MILLERS' ASSOCIATION. KANSAS MILLERS' ASSOCIATION. NEBRASKA MILLERS' STATE ASSOCIATION.

MICHIGAN STATE MILLERS' ASSOCIATION. MICHIGAN STATE MILLERS' ASSOCIATION. NEW YORK STATE MILLERS' ASSOCIATION. OHIO MILLERS' ASSOCIATION. NORTH DAKOTA MILLERS' ASSOCIATION. N W, OPERATIVE MILLERS' ASSOCIATION.

Entered at the Post Office at Minneapolis, Minn., as mail matter of the second class.

Editorial Boston More From London. Ocean Tonnage Rates. Liverpool Wheat Conditions. Wheat Conditions. Railroads and Shipping. A Novel Grain Carrier-Local and Personal.

SUBSCRIPTION PRICE.

(INCLUDING HOLIDAY NUMBER.) United States and Canadas, per year------- \$3.00 Foreign Countries in the International P. U. £1

INVARIABLY IN ADVANCE.

C. M. PALMER, Publisher. W. C. EDGAR, Bus. Mgr.

MINNEAPOLIS, MINN.

CONTENTS.

429	Convict Labor for Jute Manufacturing	432	The Elevators
430	The Markets	433	The New Salesman
430	A Correction of Evidence	433	Pennsylvania Millers' Association
430	The Glasgow Market	433	Buffalo's First Elevators and Mills
430	The Liverpool Market	433	St. Louis Siftings
430	The London Market	433	La Crosse
481	Glasgow Flour and Grain Dealers and Millers	434	Philadelphia
431	A Corner Ahead	434	Manitoba and Northwest
431	Baltimore Notes	435	Coopers' Chips
432	London Letter	485	Kansas Chaff

INDEX TO ADVERTISERS.

tableau Dabart Darf Matal Co Chicago		NDEX TO ADVERTISER
	440	Gambrill, C. A. Mfg. Co. Baltimore
tchison, Robert, Perf, Metal Co. Chicago Albion Milling Co. Albion, Mich	450	Getchell, W. H. & Co. Minneapolis
Alcott, T. C. & Son, Mt. Holly, N. J.	450	
Alcott, T. C. & Son, Mt. Hony, N. J	108	Gies & Co. Buffalo
Allis, E. P. & Co. Milwaukee	430	Gill & Forrester, Moorhead, Minn 45
Althouse, C. W. & Co. St. Louis, Mich	907	Gilt Edge Mill Co. Worthington, Ind. 45
American Flour Brand Directory	449	Great Western Mfg. Co. Leavenworth, Kan. 44
Annan, Burg & Co. St. Louis	448	Gump, B. F. Chicago 45
Ashcroft Mfg. Co. New York		Harrison & Grant, Richmond, Va 44
Avery Elevator Bucket Co, Cleveland, O	- 442	Haseltine Mill Furnishing Co. Minneapolis 44
bcock & Wilcox Co. New York		Heisser, J. H. Minneapolis 45
Baragwanath, Wm. & Son, Chicago	458	Higgins, John C. & Son, Chicago 45
Barnard & Leas Mfg. Co, Moline, Ill	447	Hoecker, H. London 44
Barnett & Record, Minneapolis	446	Holmes, E. & Co. Minneapolis 44
Bartlett, C. O. Cleveland, O		Hood, F. Saginaw, Mich
Bean, F. A. & S. L. Faribault, Minn	451	Hooven, Owens & Rentschler Co. Hamil-
Beall, Hutchison & Co. Decatur, Ill		ton, O 44
Beattie & Hay, Philadelphia	448	Horn, B. F. St. Louis 45
Beck & Pauli Lithographing Co. Milwauk	ee 453	Howard, A. W. Minneapolis 44
Bemis Bro. Bag Co. Minneapolis, St. Louis	458	Hubbard, R. D. & Co. Mankato, Minn 45
Blackman, J. J. & Co. New York	449	Hunter Bros. St. Louis 44
Blanton, Watson & Co. Indianapolis	451	Hunder Dios. St. Louis
Blish Milling Co. Seymour, Ind	450	James, John & Co. La Crosse, Wis 45
Bonner, C. L. & Co. Minneapolis	440	Jamices, John & Co. La Crosse, Wis-
Bowman, Albert B. St. Louis		Jamison, Robert, Neenah, Wis Janssen, H. G. & Co. Amsterdam-Antwerp_
Bradford Mill Co. Cincinnati	'203	Janssen, H. G. & Co. Amsternam-Antwerp.
		Keith & Crocker, Chicago
Buckeye Engine Co. Salem, O	4153	Kenan, W. R. Wilmington, N. C. 44
ldwell, H. W. & Co. Chicago		Kennedy, Edward & Son, Minneapolis 45
Cameron Steam Pump Works, New York.	458	Kern, J. B. A. & Son, Milwaukee 45
Case Mfg. Co. Columbus, O		Kirk, David B. & Co. New York
Cassels, F. & J. Glasgow	448	Knickerbocker Co. Jackson, Mich 44
Chambers Barrel Heater Co. St. Louis	-	Laidlaw & Dunn Co. Cincinnati
Charles, R. P. New York	447	Lanphear, W. K. Minneapolis 44
Clark, W. J. & Co. Salem, O	443	Leffel, James & Co. Springfield, O 45
Cockle Separator Mfg. Co. Milwaukee	465	Link-Belt Machinery Co. Chicago 41
Columbia Mill Co. Minneapolis	450	Loveland, W. A. Minneapolis 44
Consolidated Safety Valve Co. New York	- 441	Lynch, John & Bro. Philadelphia 44
Craig Wheat Cleaner Co. Oxford, Mich		McDaniel & Co. Franklin, Ind 45
Cranson, Huntley & Co. Silver Creek, N.	¥. 442	McGowan, John H. & Co. Cincinnati, O 44
avidson Steam Pump Co. New York		McMaster, S. C. & Co. Pittsburgh, Pa 44
Deal, H. J. Specialty Co. Bucyrus, O	448	Market Street Milling Co. Philadelphia 45
Deal, M. & Co. Bucyrus, O		Martin's Middlings Purifier Co., Grand Rap-
Ditmar & Weisser, Autwerp, Belgium	457	ids, Mich
Donaldson Bros. Milwaukee	449	Miller & Son, Chicago
Dutton, J. B. Detroit	310	Millers' & Manufacturer's Mutual Ins. Co 45
gle Roller Mill Co. New Ulm, Minn	451	Mills, The Jonathan Mfg. Co. Cleveland 44
Evans, A. H. & Co. Washington		Monarch I Minneepolis
Evans, A. H. & Co. Washington	451	Monasch, I. Minneapolis45
Espenschied, Charles, Hastings, Minn	401	Montague, G. & Co. Chicago 44
ountain City Milling Co. Fountain City, W	18. 401	Nordyke & Marmon Co. Indianapolis 44

Millers' National Association. C. H. Seyht, President, Highland, Ill.; F. L. Greenleaf, Vice President, Minneapolis, Minn., P. H. Macgill, Second Vice President, Baltimore, Md.; Geo. Wilson, Third Vice President, Roches-ter, N. Y.; S. H. Seamans, Secretary and Treas-ter, Miwaukee, Wis. Executive Committee-F. L. Greenleaf, Minnesota; J. J. Snouffer, Iowa; S. H. Seamans, Wisconsin; Alex. H. Smith, Mis-souri; C. H. Seybt, Illinois; Nicholas Elles, Indi-sana; F. W. Stock, Michigan; A. R. James, New York; P. H. Macgill, Maryland; Homer Baldwin, Ohio: W. Latimer Small, Pennsylvania, Sub-Executive Committee-Alex. H. Smith, Missouri; F. L. Greenleaf, Minnesota; A. R. James, New York; S. H. Seamans, Wisconsin; Homer Bald-win, Ohio.

Minnesota State Millers' Association. Frank L. Greenleaf, President, Minneapolis; Charles Espenscheid, First Vice President, Hast-ings: L. Christian, Second Vice President, Minne-apolis; Frank R. Pettit, Treasurer, Minneapolis.

Nebraska Millers' State Association. C. C. White, President, Valparaiso; D. H. Har-s, Secretary, Bennett; B. Bridge, Treasurer, remont.

Illinois State Millers' Association. E. C. Kreider, President, Jacksonville; F. W. Brickey, Vice President, Prairie du Roche; C. H. Seybt, Secretary and Treasurer, Highland; H. Schurmann, Assistant Secretary, Germantown.

Southern Illinois Millers' Association. A. J. Meek, President, Marissa; Jos. Reickart, Vice President, Freeburg; R. B. Duncan, Secre-tary, Cobden; H. T. Cunningham, Treasurer, Centralia.

Michigan State Millers' Association.'

D. B. Merrill, President, Kalamasoo; M. A. Reynolds, Vice President, Stanton; E. C. Hin-man, Secretary and Treasurer, Battle Creek; Executive Committee-C. G. A. Voigt, Grand Rapids, and J. Jenks, Sand Beach.

Kansas Millers' Association. Kansas Millers' Association. W. W. Clark, President, Harper; H. D. Crane, First Vice President, Ottawa; C. H. Searing, Second Vice President, Arkansas City; C. B. Hoffman, Secretary, Enterprise; B. Warkentin, Treasurer, Newton; Executive Committee, C. G. Smith, Henry Legler, Geo. H. Hunter, J. N. Shellabarger, Chas. McCrum.

New York Millers' State Association.

AUTHORIZED AGENTS. JOHN M. TURNER, Special. P. H. LITCHFIELD, Traveling Agent. E. E. CARRERAS, Southwestern Agent, 119 Lo-

E. D. DEMING, Agent for New York State Rochester, N. Y. C. H. DORSEY, Southeastern Agent, Balti-

FLUGEL & CO., Agents for Great Britain, 26 and 28 Mark Lane, London, E. C., England. J. O. FROST, 172 State St., Boston, Mass., is

authorized to receive subscriptions for this paper

cust St., St. Louis, Mo.

and to receipt for same.

more, Md.

A. R. James, President, Buffalo; H. W. Davis, Vice President, Rochester; H. F. Shuttleworth, Secretary and Treasurer, Buffalo. Executive Committee -S. B. Johnson, H. S. Jewell, Jacob Amos, George Urban, J. A. Hinds, Geo. Q. Moon, Geo. B. Mathews

Ohio Millers' Association.

Ferdinand Schumacher, President, Akron; M. B. Clark, Vice President, Cleveland; M. H. Davis, Secretary and Treasurer, Shelby. Executive Com-mittee-Homer Baldwin, W. A. Hardesty, T. N. Marfield, Robert Colton, M. B. Clark.

North Dakota Millers' Association.

J. S. Hillyer, President, Bismarck; M. Sheehan, Vice President, Fargo; L. D. Pratt, Secretary and Treasurer, Hillsboro.

Northwestern Operative Millers' Asso'n.

W. H. Hastings, Fresident; W. O. Warnes, Vice President; Fred A. George, Secretary; J. E. Krum, Treasurer. Executive Committee G. W. Rathbun, J. M. Bohan and John Trimble.

S.

mo ma ly a er l Out

an : tim tho roa its

will The bak to a The at I

uns

ing eral iden died F. N mat

flou fav ent rel hig elen ing bra

van nat For mod

flou from ter hon

to whe the

man their Witt the fore dep price alth be can At be a

ury. limi go :

Lagal



\$3.00 PER YEAR. 10 CTS. PER COPY. MINNEAPOLIS, MINN., FRIDAY, OCTOBER 5, 1888.

1

Copyrighted, 1888, by C. M. Palmer.

THE WEEK.

The Minneapolis mills made 178,100 bbls of flour last week, and shipped 185,412 bbls, of which 45,800 were exported. The market has been very 45,800 were exported. The market has been very active the past week, with prices advancing rap-idly.—Minneapolis received 4,342,260 bus of wheat in September. against 5,618,480 for same month last year.—The St. Louis mills last week made 75,000 bbls of flour. Prices advanced sharp-ly and prevented very much buying.—The Roll-er Repair Co., St. Louis, will sell out its plant.— Our London, Liverpool and Glasgow cables report a cables merket with prices higher ...Our Bal. an active market, with prices higher.—Our Bal-timore and Philadelphia correspondents report those markets active and higher.—The Chicago roads have come to terms on the transit question have similar to sum the state of the second second second second to terms on the transit question, and have given notice that the rate on wheat and its products between Minneapolis and Chicago will be advanced to $12\frac{1}{2}$ per hundred.— The high price of flour has caused bakers at Minneapolis, Chicago and New York to agitate the question of advanced prices.— The Pennsylvania Millers' association will meet at Lewisburg, Oct. 9.—The wheat markets were unsettled up to Wednesday, on that day advanc-ing 10c at Minneapolis and at other points sev-eral cents per bu-hel.—Albert Allen, vice pres-ident of the Schumacher Milling Co., Akron, O., died Sept. 25, aged 61 years.—The large mill of F. N. Quade at Toledo, O., burned Sept. 30; esti-mated loss, \$100,000; insurance, \$62,000. mated loss, \$100.000 ; insurance, \$62.000.

WHILE the present situation of the four market, seems to be extremely favorable for the development of wild enthusiasts of the twelve dollar a barfavorable for the development of wild enthusiasts of the twelve dollar a bar-rel variety, conservative men who car-ry common sense principles through high prices as well as low, find in it elements of grave danger to the mill-ing trade, especially the spring wheat branch of it. The rapid, feverish ad-vance in prices is unhealthy and un-natural and does not promise well. For the best interests of the trade a moderate advance would have been far preferable. When spring wheat flour reaches a figure which debars it form foreign consumption, it is a mat-ter to be regretted. It is idle to talk of home demand being sufficiently great to take the entire output of spring wheat mills. Sooner or later, before the advent of 1.89 we shall look for a market over seas. If our prices are then too high they must come down. With wheat bought at present prices the decline will be far from welcome. The fact of the matter is that the foreign demand for American flour depends on its price. Advance the price beyond a healtby limit and, The fact of the matter is that the foreign demand for American flour depends on its price. Advance the price beyond a healthy limit and, although our foreign consumers may be unable to get our flour, they can supply their wants elsewhere. At a certain figure flour ceases to be a necessity and becomes a lux-ury. The foreign consumer has a limit up to which he can sometimes go; beyond it, never. The limit being

reached the foreign trade will depend reached the foreign trade will depend upon poorer flour or cheaper flour for its daily bread or it will do without it entirely. Recalling the trade obtained and retained by hard work and low prices both on this and the other side of the water we remember that it does not come when simply whistled for and we must conclude that the present tendency toward abnormal values is tendency toward abnormal values is menacing the future of spring wheat flour in the markets of the world.

THE scenes of excitement, alarm and confusion amounting to panic, which have ruled the markets of the country contusion amounting to panic, which have ruled the markets of the country the past week have thoroughly stirred up and ventilated the wheat situation if they have done nothing more. It has been a number of years since a really good cornering basis was pre-sented in this country and operations having that end in view have as a gen-eral thing brought their instigators to grief. For too much wheat would tumble in just about the time the game was nicely adjusted and the result was apt to prove discourag-ing to the ambitious cornering mind. This year all the prospects are different and the outlook is that the months will be filled with manipula-tion, with the corner kings scalping the innocents in and out of season. * * * * -

IT IS astonishing that such a state of affairs should be permitted to continue in the country so long. By this we would not be understood to mean that would not be understood to mean that dealing in futures should be altogether prohibited, for this is an unreasonable attitude to take. Our millers and deal-ers would be badly off if they were not permitted to anticipate their wants and to protects their purchases. But all this comes within the bounds of reason and should oppress no one. It is the gambling operation pure and simple which upsets the trade and de-prives it of everything like accurate information as to available supplies and probable prices.

* *

* * *
ILLINOIS, we believe, has had some slight spasms of remorse over the manipulation which goes on in her great center, but they have not proved very effective, for the old state of things continues to prevail. Illinois is not allowing her conscience to afflict her very sorely while the hard cash holds out, as it were, to burn, for, from her point of view, Chicago is a good place for it. However, it makes no difference that Chicago happens to be the center of option trading in the country. Chicago is no more blamable than any other section of a country which does not enforce laws to restrict option dealing.

* -

* * *
THE worst and most inconsistent a:-pect of the matter is that while the country tolerates the business as it stands, our laws allow the loser in gambing deals to crawl out of them if he is so disposed. The law in fact does it best to make a race of sneaks instead of a race of honest men. We have very little sympathy with the baby act in any department of life's experiences. There seems to be no good reason why, if a man is allowed to make a deal, he should not be obliged to stand by it. We do not say this because we have any sympathy or liking for the professional market manipulators whose business it is to

trap the confiding lamb. And we know that it is an extremely hard thing for the lamb to lose every cent he has and perhaps more, in paying margins. But if the business is al-lowed to go on openly and steadily, as is the case, the American citizen who engages in it ought to do so at his own risk and be compelled to take the penalty as he finds it. This is not only good business but it is good sense. The crawfisher is not a desirable man to encourage as an element of our na-tional makeup. trap the confiding lamb. And we tional makeup.

To is ridiculous, viewed from any point, to see how those gentlemen who placidly bet on the market by selling short some days or weeks ago, now regard themselves as sadly aggrieved individuals, simply because instead of squeezing they got squeezed; because instead of making a loss to some one else they realized it themselves. This is the greatest kind of nonsense in the world and it will not straighten the matter at all to call Mr. Hutchinson hard names, or to sit down and cry, or to run home and inform the maternal ancestor. The experience of the world has been that persons who dance will find it necessary to pay the piper. It is absurd to see men who hoped to profit by the mistakes of others howl-ing because they have lost by their own. *** * ***

* * * It is refreshing to note in this connec-tion that Judge Holmes, of an eastern district, has held in a recent ruling that a deal of the kind referred to was binding, and that the complaining principal would have to stand by it. The morality of option gambling is highly questionable but the morality of a decision which obliges a man to stand by the results of his voluntary deeds is not open to criticism. What we need in this country is more such decisions. * * *

赤

decisions. * * * THE prospect now is that each com-ing month will witness a repetition on a greater or less scale of the proceed-ings of September. The spring months, if the world's crops do not estimated, will likely see the market high, excitable and easily affected. Thus we shall have presented the stage par excellence for the scenes which the market manipulator will be only too ready to enact, with the assist-ance of the lamb in the latter's cele-brated sweet and tender *ingenue* role. The present year will be a good one in which to refrain from being a lamb. He who contemplates taking a little preliminary plunge might with profit acquaintance who have got rich and stayed rich on wheat deals. He might also reflect upon the days of 1880, '81 and '82, when many good men fell like Lucifer, never to rise again. We are certain that the reader will agree that however much he may admire the nerve and success of ''Old Hutch'' in the wheat dealing arena, too many pleaching bones and too many grin-ning skulls lie scattered around the ring to make the vicinity acceptable to the ordinary citizen. Wheat under the present conditions of its juggling traffic is a very good thing for the av-erage man te ts severely alone. * * *

jumps, the bakers of the country are beginning to raise the price of bread to correspond with the raw material. This evokes some complaint from the press regarding the oppression of the poor man, to whom, it is alleged, his daily bread is likely to be a luxury instead of a necessity, if the present course of things continues. It is un-doubtedly a tax upon the poor man to pay six cents for what he before paid only five, and especially since bread is an article forming so large a part of the subsistence of the people. But it should not be forgotten that as bread goes up, work in all branches of indus-try is increasing and the prospect of continuous employment and higher wages are better than for a good while. The matter of bread prices, however, has always been one which has excited a good deal of comment from consum-ers. It was, for many years during the time when flour was gradually has always been one which has excited a good deal of comment from consum-ers. It was, for many years during the time when flour was gradually dropping from the extreme prices of some ten to fifteen years ago to the miserable rates of recent years, a subject of universal remark that bread prices held at just about the same notch. We believe that for some time past, however, the trade has been subject to a good many of the competitive abuses which have affected the business of milling and that prices have been run down in many localities below an equitable basis. It is not to be expected that bakers work for the good of the public and, like millers, they will doubtless be ready to retrieve the losses or make good the small profits of the five years past. But the fact that both bread and flour are high should not be thoughtlessly laid at the door of the makers of those articles. Wheat, by a singular conjunction of circumstances promises to maintain high values the year through and when the raw mate-rial goes up the product will have to follow or there will be wholesale bank-ruptcy in the milling and baking ramks.

rupedy in the mining and baking ranks. * * * The idea prevails that the miller at present has a pretty soft snap and that he is raking in profits ad libitum. The miller is enjoying himself just now, as a matter of fact, but mainly because, like every man since poor old Galileo, he likes to see that the world does move. The miller's world has been tediously quiescent for a good while and nobody enjoys its present activity for activity's sake more than he does. But when it comes to profits per bar-rel, they are far from heavy. Push flour up as steadily and as firmly as he can, it is rather more than the maker can do to keep up with the prices of wheat. The only compensating fact is that trade is active and that a good many barrels are being sold where one was sold six months or a year ago. Again there are few millers who have much faith in the stability of wheat values in their present state and the danger of buying it above what its actual flouring value may prove to be is such as to make very cautious work necessary. Nobody realizes more keenly than the miller that just now what it has got nor what it wants. All these things add many difficulties to the business of flouring, and there is no man more thoroughly on the qui vive for future developments or more anxiously observant of the world's in a harvest figures than is the miller

430

The high price of wheat has made things lively in this market and agents one way and another have been able to place considerable flour and the sales were made at the advanced prices. Prices have been continually going up, and now buyers are begin-ning to think that the future means prices up, and now buyers are begin-ning to think that the future means higher values than have prevailed in the past. Sales of spring patents have been made up to \$6.60 and but very few choice Minneapolis brands can now be bought below \$6.50. The fact that wheat was cornered in Chicago and run up to so high a price, made some buyers believe that this had some effect on wheat at the milling points, and they look for some reac-tion. As a rule, however, buyers be-lieve in the high basis prevailing and are operating ahead so as to be able to take advantage of any further ad-vance. It is amusing to an outsider now and also to an agent, to vance. It is amusing to an outsider now and also to an agent, to see them taking in flour at \$6.50 where a short time ago any thought of \$6 flour was enough to make them hold up their hands in holy horror. The boys have been waiting for a scramble, and now they have got it, although as a rule it is an orderly one, as the high basis of related the set output been waiting for a scramble, and now they have got it, although as a rule it is an orderly one, as the high basis of values pleases buyers as well as every one else. Buyers do not object to is having to pay heavily for the goods, and then have the market go back on them. From the present outlook they feel that it is safe to buy, or rather very unsafe not to buy, consequently they are meeting the market quite freely. Another thing that makes the situation look better is that jobbers have got through trying to undersell the mills. For some time past they have had cheap flour on hand, and as they did not look for the boom to last, they have been distrib-uting it at lower prices in many cases than they could replace it for. This has had a depressing effect on business in general, and has not awakened retailers to the situation. The fact that they have now put up their prices to correspond with mill formers onthe they have now put up their prices to correspond with mill The fact that they have now put up their prices to correspond with mill figures, has brought small buyers out with a jump, and instead of all hold-ing back as heretofore, they are now all anxious to get some flour before it gets any higher. As a rule the New England trade have been operating on small stocks, so if they all fill up, it will take a large amount to go around. On 'change the situation is very steady, and a fair amount of activity is noticeable. Wheat being so excited of late, has kept both buyer and seller watching the boards, and during the last week it has been no uncommon thing for agents to change their prices

last week it has been no uncommon thing for agents to change their prices several times during the day and al-ways toward higher figures. This has done much toward bringing buyers to terms, as they found that it was not safe to be at all dilatory in taking the flour when it was first offered to them. Boston Sept. 29. BUNKER

Boston, Sept. 29. BUNKER

MORE FROM LONDON.

(Special Correspo

The weather has continued extreme ly favorable for the late harvest, and its effect upon the wheat trade has been very great. Nobody is disposed to buy, and farmers, finding the recent advance slipping away from them, are beginning to press their wheat on mill ers who can now buy fairly good sam-ples of white wheat at 33@34s and red at 30@32s per 504 lbs. Compared with Australian at 39s de per 500 lbs, and Indian wheat at 33@35 these prices for Eng. Australian at 3363 per 500 lbs, and inter-fornian at 3936d per 500 lbs, and inter-wheats at 33638s, these prices for Eng-lish are low, and will explain why the demand for the latter has fallen off. The yield of the English crop is also undoubtedly proving to be larger undoubtedly proving to be larger than was expected, although the quality is quite inferior to last year's. Many letters have this week been published by parties claimTHE WEEKLY NORTHWESTERN MILLER.

ing to have traveled over the whole country and examined the crops throughout, and some of them state that the yield, taking into account the increased acreage, is quite as large as last year, viz, 76,000,000 bus. Others, however, maintain that the deficit compared with last year, is at least 20 per cent, considering the defective quality and weight, which, in fact, are indisputably inferior. The probability is that the crop will turn out to be 65,-000,000 bus, but the quantity available for consumption will certainly not ex-ceed 56,000,000 bus, leaving 148,000,000 bus to be supplied from abroad. This is a very different tale from that told by the London Times on Aug. 15, which I notice has been copied by all the American journals as a matter of weight. The truth is that we here at-tached very little weight to the Times' estimate, which made the quantity svailable for consumption only 40,000,-000 bus. Coinciding with a reported improvement in the French crop, which, as I told you last week, is now estimated at 269,160,000 to 260,830,000 bus, which was the previous general estimated at 269,160,000 to 283,300,000 bus instead of 212,500,000 to 260,830,000 bus, which was the previous general estimate, this improvement in the En-glish crop, although it is doubtless ex-aggerated, has had a very depressing effect on values, which, from the high-est point of two to three weeks ago have dropped 2s 6d to 3s per qr for for-eign wheats, and as much as 3s to 5s for new English wheat. I am inclined to think, however, that the decline has almost reached its limit and, as soon as the hard up farmers in France and Ento think, however, that the decline has almost reached its limit and, as soon as the hard up farmers in France and En-gland have supplied their pressing pecuniary wants, a recovery will set in. All the more so as the persistent reports of serious damage to the Amer-ican spring wheat crop are beginning to be believed. As a matter of fact, there is no pressure to sell on the part of holders of foreign wheat and the slightest return of buyers would be the signal for an advance. In this connection it may be noted that freights alone have improved 2s 6d per qr all round, which must be added to the cost of wheat delivered here. Moreover it is a fact that our stocks are being rapidly drawn upon, owing to the small deliveries of farm-ers, which, during the past seven weeks, have been nearly 4,000,000 bus less than in the corresponding period of last year, thus necessitating an extra consumption of foreign less than in the corresponding period of last year, thus necessitating an extra consumption of foreign wheat. The quantity afloat for the United Kingdom has, however, in-creased 2,500,000 bus during this period, and for the continent is also much larger, the total for both destinations being now 24,500,000 bus, against 17,150,000 bus last year. This com-paratively large quantity will exercise a check on any exaggerated advance, but it is evident that as the season pro-gresses the comparative deficiency in gresses the comparative deficiency in the European crops, compared with last year, will make itself felt, and all

last year, will make itself felt, and all the sooner if America maintains its present independent position. Flour on the spot here is slow to sell, and for forward delivery is held too high for business. Pillsbury's straights ex ship are quoted at 23s 6d@24s per 280 lbs and Sterlings at 25s@25s 6d. London, Sept. 24. PANIS.

Ocean Tonnage Rates.

In a late article dealing with the ocean tonnage question the *Bulletin* of New York quotes the following figures showing the difference in steamer rates on grain and flour between April last

and the present	April			Sept	. 27.
G	Irain.	Flour.		Grain.	Flour.
Liverpool		2.6		4d	13.9
London	E	3.9		151/d	20.0
Glasgow	+1%	2.6		4d	17.6
Bristol	+2.	7.6		+6d	22.6
Leith	+1.	10.0		+6d	22.6
Hull		12.6	*	+51%d	17.6
Newcastle		12.6			17.6
Antwerp	3/8	10.0		#41%d	17.6
Hamburg	t40.			*90.	
Bremen	40.			+90,	
Copenhagen 1	18 6d		-	58	
Marseilles	118			*3s 6d	
*Nominal. †Ask	ed. 18	store.			

"Nominal, tasked, islore." These quotations are per ton and show a gain on flour of 11s 3d to Liv-erpool and 16s 3d to London. One of the oldest shipowners and agents in the trade says in relation to the present situation: "The current

rates are only a fair return upon the investment in vessels. Some have an idea that the advance in freights since April has been caused by specu-lators chartering vessels to arrive. I have little sympathy with that idea. Trade, whether in freights or anything else, is always regulated by supply and demand. Tonnage is very scarce at Atlantic ports, and has been so for some time, because more tonnage has gone to foreign trades than ever be-Atlantic ports, and has been so for some time, because more tonnage has gone to foreign trades than ever be-fore—that is, our rates were so de-pressed for such a long period that vessels have entered trades in which the United States is not a party. Then, again, there has been a great demand for coal tonnage for the Pacific, and also a good demand for long voyage trades, especially for case oil and for general cargo for Australia. In this way a great deal of tonnage has been taken out. The improvement has also been brought about from the very fact that tonnage is being reduced. More vessels are being lost or turned into coal barges than are being built. An-other influence that reduces the sup-ply is that a great deal of tonnage is bound up at Australia on account of the strike at the mines, which renders it impossible for the vessels to obtain any return cargo other than purchased ballast."

LIVERPOOL.

nal Corre

[Special Correspondence.] The decline reported in our last let-ter has made further progress during the past sennight, and No. 1 Californ-ian wheat is quoted to-day at 78 84d. 78 9d per 100 lbs, delivery from October to December, which is a depreciation of about 28 6d. Se per qr. This is of course, dry old wheat. New English wheat has had an enormous fall in value, representing no less than 78 6d per qr in a fortnight, viz, September from 408 to 328 6d for white and from 378 6d to 30s for red wheat. It must, however, be pointed out that a very considerable proportion of this fearful decline must be attributed to the damp condition and inferior breadmaking quality of the new English wheat. Still, the effect of this decline, on the market in general, has been to bring about an almost panicky feeling, and both wheat and flour are almost unsal-able at the moment. The weather continues to be most favorable for cathering the harvest.

The weather continues to be most favorable for gathering the harvest, and another ten days will see the cereal crops of this country secured under excellent conditions.

crops of this country secured under excellent conditions. There has been utter stagnation in the flour trade this week, and in the absence of any demand whatever, prices must be considered quite nom-inal, while to effect sales probably a very large reduction would have to be submitted to. At the same time it must be admitted that there is no pressure to sell, and that stocks of for-eign flour here are very light indeed. We quote to-day Minnesota first pat-ents, 338 6d@34s; second patents, 32s; first bakers, 27s@27s 6d; second bakers, 25s@25s 6d; low grades, 15s; winter patents, 32s 6d@33s; extra fancy, 30s 6d; Hungarian finest, 35s@35 6d. Our local millers reduced their prices 1s per sack of 280 lbs, this being quite 2s from the top.

sack of 200 los, the tendency of the This afternoon the tendency of the market is slightly firmer, and Califor-nian wheat is held for is over yester-day's depressed values. KROGER, DARSIE & Co.

Indian wheat, says an exchange, is coarse and gritty, the kernels not be-ing dissimilar to rice. When made into flour it has a yellow appearance, resembling cornmeal more than flour that American wheat makes. Flour made from it has only about 70 per cent of the nutrition of that from either the American or Russian wheat. cent of the nutrition of that from either the American or Russian wheat, and is consequently mixed with one or the other of these and used by the poorer classes. The flour thus made is about \$1 per bbl cheaper in England than the straight American.

Receipts of produce at Seatt'e, Wash Ty., for the week ended Sept. 22, in-cluded 6,044 sacks of flour, and 444 sacks of millstuffs.

WHEAT CONDITIONS.

Progress of Seeding, Milling Situ-ation, Corn and Oats.

The first week of October shows no general regularity so far as regards the conditions of seeding the next winter crop. Broadly speaking I find that we are a great deal better off than we were at this date in 1888. Then practically no progress had been made. But to-day every state in the winter wheat belt has more or less of its crop in the ground and growing. There is, however, a very general want of rain all over the northwest and southwest. Kansas, Tennessee and Kentucky, southern Indiana and Illinois have had sufficient, though not abundant, rains. Nothing as yet can be said with regard to the acreage going out. Ohio millers report good milling wheat scarce and hard to buy even at \$1 per bu. A large proportion of the The first week of October shows no

spinger and hard to be been and hard to be been at the second sec

not over half the seeding is done. Eastern and northern parts have had frequent rains. Indiana complains of drouth and that the wheat now just coming out of the ground needs rain badly. At many interior points in the state receipts are not one-third what they were at this date last season, though an increase is looked for after seeding is over. The large mills are generally well stocked with moderately cheap wheat and so far have been running on full time. There is no desire manifested to force the products on the market. Millers in southwestern Missouri re-port two-thirds of the wheat marketed. Very little of the crop has gone east. Millers in northeastern Missouri think the local mills will need all the wheat that is left. Northeastern Kansas says there will be an unusually large acre-age of wheat this fall if they get rain promptly. Southern Illinois reports farmers all very way seeding wheat the ground

age of wheat this fall if they get rain promptly. Southern Illinois reports farmers all very busy seeding wheat, the ground being in splendid condition. They are selling slowly, on account of the market steadily advancing. Demand for flour is good. Stocks of wheat held by millers as a rule have not been as small for many years at this date as now. Another report covering the very best wheat counties in central and southern Illinois is to the effect that receipts are very light, owing to the rush in seeding. Some fields are up and growing, but the great bulk is just being planted. The acreage prom-ises to be fully up to an average. Michigan millers report an excellent d mand for all their choice wheat and think that they will not have any sur-

Michigan millers report an excellent d mand for all their choice wheat and think that they will not have any sur-plus. There is no rush to sell. The acreage promises to be fully up to former years, and if the weather should continue good the present week the seeding will all be finished. Texas reports seeding now in full blast, and that the acreage will be larger than last year. Most of the grain is already out of the country and mills are paying over \$1 per bu now for wheat, which continues to be shipped in from Kansas. Ontario millers who can get wheat are all busy. The water mills are gen-erally standing idle for the want of water. Wheat is moving at \$1@1.03. The demand for flour is far ahead of the capacity of mills to supply. The area of winter wheat seeded this fall in Ontario will be greater than for a number of seasons. It is going into the ground in excellent condition. The gathering of the corn crop has already begup. and the vields so far

The gathering of the corn crop has already begun, and the yields so far have fally borne out all statements made with regard to the prospective outcome. The late frosts did not in-jure the crop anywhere in the surplus states. Everything points to an unus-ually large cribbing season, particu-larly in Kansas and Iowa. The oat crop has been fairly threshed out, the weather for the last three weeks having been very favorable for the work. Country elevators have filled up very largely with oats. S. THORNTON K. PRIME.

e U o

gothhnab

fi tett a gie A fr

John Nading, a wealthy grain dealer of Shelbyville, Ind., died Sept. 27

1

RAILROADS AND SHIPPING.

A fast mail train is to be put on be-tween Chicago and New York, which will make the trip in twenty-seven

G. L. Foster has been appointed trav-eling freight agent of the Central Iowa railway, with headquarters at Mar-shalltown.

A Franco-Russian company has been formed to unite the Black sea and Cas-plan sea by a canal. Forty million roubles will be required.

The strike of telegraph operators and clerks has become general through-out France. Business is seriously hampered and the mails are overloaded with correspondence. with correspondence.

with correspondence. The Manitobans are quite as greatly exercised over the prospect of cheaper freights to the Pacific as with the prospect of cheaper rates on their sur-plus grain to the east. The new "North Wind," which left Superior recently for Buffalo, had on board the first flour cargo ever shipped from that port, and which was brought in by the new Eastern line.

There are now about 42 ships load-ing or about to load wheat at San Fran-cisco for Europe. These, with others now loading at Portland, Ore., will take out some 5,000,000 bus of wheat.

The Russian government has grant-dated a subsidy of \$65,000 annually to a private firm to run a line of steamers between Russian Pacific ports and Corea, Japan and China. In the event of war the steamers are to be placed at the disposal of the government.

There are \$00,000 freight cars on the various railroad lines in this country, of which 60,000 are the property of the Pennsylvania road. They range in value from \$300, the cost of construct-ing a flat car, to \$1,500, the amount ex-pended in building the average refrig-erator car. erator car.

The Nickel-Plate and the Western New York and Pennsylvania roads have issued a joint tariff on classes of freight in which the rate on grain and all articles taking grain rates are quoted at 12½ to Olean, N. Y., and common points, or 2½ less than the rate via competing lines. common points, or 210 rate via competing lines.

All the lines in the central traffic association have agreed to advance rates on fourth, fifth and sixth classes on Oct. 8 to the tariff of March 5, 1888 or to a basis of 25c for grain to New on oct. S to the tariff of March 5, 1888, or to a basis of 25c for grain to New York. The Pennsylvania, however, reserves the right to quote old rates if any other line refuses to advance

Because of a raise in through freight rates on the Canadian Pacific road the Sarnia line steamers and the Northern Pacific are handling a large amount of bonded freight for British Columbia, It is thought that nearly all this freight, which constitutes a large west bound business, will go through Duluth hereafter

after. The insurance companies have given notice of their intention to bring suit against Robert Mills & Co, of Buffalo, owners of the propeller Robert Mills, for the full value of the hull and cargo of the schooner Willie Keller, which was sunk off Port Au Sable during a fog on July 15, by collision with the Mills. The Keller's cargo consisted of 18,000 bus of corn, and her hull was valued at \$5,000. valued at \$5,000.

valued at \$5,000. The Trimmers' union at Chicago has boycotted the Lackawanna line for emoloying colored trimmers. The Uranus, Coffinberry and Planet, were on Sept. 25 trimmed by the colored gang at \$1 per thousand, which is a cut of 50 cents on the union rates. The trimming of all the other big line boats has berefatore hear given to union has heretofore been given to union men, but there is danger that the ex-ample set by the Lackawanna may break the ice and lead to a fight.

XUM

ble the Americans to meet the foreign markets, while with corn the markets are almost on a parity, and any de-cline would have a tendency to in-crease the demand."

crease the demand." A letter from Chairman Cooley, of the inter-state commerce commission, to the central traffic association, urges managers "not to overlook the neces-sity of continuing their efforts in the direction of the uniform classification of freight," and states that "such classification must be brought about hefore the large of a great length of classification must be brought about before the lapse of a great length of time," and expresses a belief that if the rai'roads themselves do not agree upon some plan of action their inter-ests will be injured by sudden and forced action by law. Judge Cooley writes in the same vein to the south-western freight association.

The long existing freight difficulties between the roads running between Chicago and Minneapolis were practi-cally overcome at meetings held last week. The bone of contention was the milling in transit rate, on which the Chicago, Milwaukee & St. Paul road was at variance with the other lines. At a full meeting of these lines road was at variance with the other lines. At a full meeting of these lines at the office of Chairman Faithorn, of the northwestern division of the west-ern freight association, in Chicago, Sept. 27, the St. Paul road receded from its stand on transit rates, and an agreement for a restoration of rates to the normal basis was entered into. The agreement provides that taking the normal basis was entered into. The agreement provides that, taking effect Oct. 10, all rates shall be restored to the basis of 60c for first-class freight from Minneapolis to Chicago, and that a proportionate advance in the through rate from Minneapolis to seaboard points shall be made on that date. The present rate on first-class freight is 40c per 100 pounds. The agreement is made as strong as possible, with a view to securing stability in rates.

A Novel Grain Carrier.

A man in Duluth has an invention which he thinks will cheapen by half which he thinks will cheapen by half the cost of transporting grain and lumber from the northwest to Europe, says the New York Sun. His plan is to make cigar-shaped cylinders of steel, which are to be loaded in Du-luth with grain, sealed up, taken in tow through the lakes to Buffalo, through the Eric canal to Albany, down the Hudson and over to Liverthrough the Eric canal to Albany, down the Hudson, and over to Liver-pool, without once breaking bulk. One of these shells is now on the stocks at Duluth, and it will be sent to Liverpool as soon as it is tested and the necessary contracts for towing are made. It is likely, though, that more than one shell will be built before an every in access the coccept is experimental trip across the ocean is made, as it would not be a complete experiment nor would it pay to take

experiment nor would it pay to take over only one shell. The shells are made as large as the locks of the Erie canal will permit. That is the limit to the size of any ves-sel bound from Duluth to New York. They are made of steel plates riveted to each other like boiler plates. In-side there is a sheathing to prevent to each other like boller places. In-side there is a sheathing to prevent the water from getting into the wheat. That is all there is a railing around the other is a railing around the hatch, and a place for a man to stand and steer. The steering apparatus is detachable. The intention is to have a steersman on each shell while going a steersman on each shell while going through the Erie canal and other canals on the way from Duluth to New York, but at New York to lash the shells together and tow them across to Liverpool taking the written the to Liverpool, taking the quietest time of the year to go, and the easiest routes, without an effort to make any would, though in time improvement might come that would allow quicker

The saving The saving would be in elevator charges, in the cost of loading and un-loading at Buffalo and New York, and A well known New York commission firm is quoted as saying in a recentlet ter: "We think, for the next two or three weeks, that the ocean steamers arriving here will have to depend alto-gether on corn for exports, as the dif-ference in the wheat markets of America and Europe is such that treighte would have to decline to ena-

lakes to Buffalo, elevated again, put in canal boats, taken to New York, again elevated, put into a steamer and sent to Liverpool.

to Liverpool. The main trouble will be in keeping the tow together in the ocean. The waves may break the tow lines or a storm may arise and swamp every-thing. The towing steamer may have to part with the shells to save itself, but they would float, and though the chance of picking them up after they were once cut loose would be small, there would be a possibility of it. If this invention turns out well it will cut the cost of transporting wheat

there would be a possibility out well it If this invention turns out well it will cut the cost of transporting wheat from Duluth to Liverpool 5@12c per bu. The saving by not having to break bulk at Buffalo would alone amount to 3@5c per bu, and if the New York to Liverpool part of the ex-periment is a failure, there remains a large probability of cutting the wheat rate between Duluth and New York while navigation on the Erie canal is open.

rate between Duluth and New York while navigation on the Erie canal is open. If this plan is successful, the lake schooners which are now making enough profit in three good years to pay for themselves, will have to come down in their rates, and the railroads running to Duluth will be banned, while the all rail freight routes will suffer most. There is a fight between Duluth and Chicago now for the wheat of the northwest. Duluth has the advantage of shorter distances of railroad transportation from the wheat fields, while Chicago has the larger capital and the older business. Duluth has large ore shipments in addition to the grain, and, though the ore is not shipped to Europe, a cheap rate of transportation would enable the ope companies to send it to New York. It already goes to Cleveland. On the re-turn the shells might be used to take coal to the northwest. Most of the coal consumed in the northwest comes from Buffalo, the freight west being coal, and east grain and ore.

Recent advances in flour, resulting from wheat being much higher, have caused bakers to complain of their profits having been swallowed up, and that there is no longer a living margin in the business. A few months since the Minneapolis bakers formed an as-origine for the control of prices ato the Minneapolis basers formed an as-sociation for the control of prices, etc., and the members are debating the question of raising the wholesale price from 4c per loaf to $4\frac{1}{2}c$. This would cause it to be sold at retail for 6c, cause it to be sold at retail for 6c, whereas the price is now 5c. Some of the bakers have already reduced the weight of their loaves a trifle, in order to meet the additional cost of flour, and may do so to a larger extent if they gain no relief by an advance in the price of bread. The association they gain no relief by an advance in the price of bread. The association would like to see a city ordinance passed establishing a uniform weight for bread, and some agitation is going on with that object in view. Chicago bakers complain of their business be-ing affected in a similar manner as in Minneapolis and have advanced the price of bread to 6c per loaf at retail. D. F. Bremner, a baker of that city, sums up the situation there in this way: "Within the last six weeks there has been a bona fide advance on flour from \$1 to \$1.50 per barrel, and it is my opinion that the highest figures have not yet been reached. And yet this increase in price is not enough to justify bakers in advancing the price of bread at present. The price of flour justify bakers in advancing the price of bread at present. The price of flour must be raised or lowered \$2.50 a bar-rel to warrant an increase or decrease of 1c on the price of a loaf of bread. The average loaf of to-day is made up of eighteen ounces, although sixteen ounces is the legal weight. Now, if the advance in flour continues, we must either scale our bread down or add slightly to the present weight and charge an extra cent a loaf, thus mak-ing a compromise with the currency. charge an extra cent a total, thus mak-ing a compromise with the currency. The time is near at hand when Eureka, Vienna, and cream bread, the better grades, will sell at 6c per loaf of eigh-teen ounces to the trade and 7c to the consumer."

Williams, Black & Co., heavy dealers on the New York produce exchange, were caught short on wheat in western markets and forced to suspend Sept. 28, though resuming the next day.

OUR DUST COLLECTOR.

The territorial statistician estimates the wheat yield of Dakota at 33,000,000 bus against 52,000,000 last year.

Albert Allen, vice president of the Schumacher Milling Co., at Akron, O., died Sept. 25 at the age of 60 years.

The mill of J. D. Greene at Lake Benton, Minn., has commenced its fall business, though not running full time.

D. W. White, dealer in grain at St. Paris, O., has made an assignment to A. L. Harmon. He has been in busis 16 years.

Baerger & Radmacher, a Milwaukee commission firm, recently suspended as a result of being caught on the wrong side of the market.

Reports from England say that the few samples of new wheat that have come to market are of poor quality and in some cases quite unfit for mill-ing.

Wheat receipts at Chicago from Jan. Wheat receipts at chicago from sam. 1 up to Sept. 22 were 9,431,459 bus, as compared with 22,337,200 bus for the same time last year. Of corn 43,954,-284 bus have been received, as again st 35,098,217 bus since Jan. 1 last year.

In a case involving the attempt of a loser in a grain speculation to repudi-ate his orders, Judge Oliver Wendell Holmes, Jr., of the supreme court of Suffolk county, Mass., has decided that the reselling of property before the day of delivery contracted by the orig-inal purchaser is not prohibited by law and that the speculation was a legiti-mate transaction.

Col. C. A. Fuller has been ordered Col. C. A. Fuller has been ordered by the war department to commence the work of re-uilding the third dam at Appleton, Wis. It will be upward of 400 feet long, about six feet high, and will be located about 100 feet be-low the old dam. It will be a crib dam, located with stone thormuchly shorted loaded with stone, thoroughly sheeted, each twen and fitted with sluice-gates, ty feet wide at the east end.

ty feet wide at the east end. The Armada mill at Toledo, O., owned and operated by Frank N. Quale, was burned at 4 o'clock a. m., Sept. 30, together with two dwelling houses. The loss is estimated at \$100,-000, with \$60,000 insurance. The mill which was a five story frame building, was quite an old one; but it is said to have been crowded with orders and was running full time when the fire occurred. Friction is supposed to have caused the fire. caused the fire.

Sioux City's corn palace, which was opened Sept. 24, is described as a much more substantial structure than that of 1887. It occupies an entire quarter block and is 150 feet square. The main tower is 110 feet high and 24 feet in tower is no reet nign and 24 feet in diameter. Both exterior and interior are covered with corn, wheat and other grains and grasses, both head and stalks being used and the whole ar-ranged in a great variety of designs which are said to be wonderfully pleas-ing ing.

A. H. Bliss & Co., as a result of the feeling engendered at Chicago by the September corner in wheat, have the September corner in wheat, have withdrawn their patronage of \$60,000 from the Corn Exchange bank, of which "Old Hutch" is the heaviest stockholder. Chas. L. Hutchinson, son of "Old Hutch," and president of the bank, as he also is of the board of trade, asked the senior member of the firm his reason for withdrawing the account and there was some pretty plain talk indulged in about the cor-ner. ner.

Says Daily Business, of Chicago: he "omnibus" bucket-shop case has Says Data Data Basiness, of Chicago: The "omnibus" bucket-shop case has been appealed to the supreme court of the state and will probably be reached at the January term. The local status of the bucket-shop fight has not been changed by the appellate court decis-ion, such decision only governing in the particular case adjudicated. The judges of the lower courts may, if they choose, put themselves in harmony with the appellate court in other cases involving the same points, but they are not compelled to. The authorities of the board may or may not attempt to have the cases pending in the lower courts of Cook county disposed of pend-ing the decision of the supreme court. The matter is under consideration. The



MINNEAPOLIS, Oct. 3.

432

MINNEAPOLIS, Oct. 3. The output of flour was very heavy last week, being 10,000 bbls in excess of the week before. The twenty-one mills ground a total of 178,100 bbls -averaging 29,683 bbls daily-against 168,770 bbls the preceding week, and 138,150 bbls for the corresponding time in 1887. There were twenty mills run-ning to-day, one of 1,500 bbls capacity having stopped, though intending to start again to-morrow. They are all making as much flour as possible, but the use of a considerable quantity of new wheat does not enable them to produce as large a quantity of flour as at other times. The new grain is hard and brittle and has to be handled with care. The current week's production will probably not be greatly be-low that of last week. It is claimed that freight rates on wheat and its products between here and Milwaukee and Chicago are to be advanced on the 10th inst to 12/c per hundred, but shippers seem skepti-cal about its really being done. Should the advance take place, the millers will still be able to ship by the Lake the advance take place, the millers will still be able to ship by the Lake Superior routes at old figures. Tran-sit can also be used over the northwestsit can also be used over the northwest-ern lines, by which a rate of 8½ to 9c could be secured, despite the advance. The flour market has been booming for several days past, and, notwith-standing that flour was almost daily marked up, eastern traders snapped it up without ceremony. This in the main relates to patent, bakers' be-ing rather difficult to dispose of. One of the heaviest advances was made this morning, when patents were put up 45c, being now of. One of the heaviest advances was made this morning, when patents were put up 45c, being now quoted at \$7.35 in Boston. There is more inquiry from abroad, but the for-eign offers are entirely too low for millers to accept freely. To-day 40s, c. i. f. London were asked for patents, and 29s for bakers'. The direct exports of flour last week were 45,800 bbls, exciset 58 100 the provious week against 58,100 the previous week. * 44

W. W. Engle, of Engle & Co., the Austin millers, was in the city Friday. London sixty day exchange was to day quoted at \$4.81% per pound sterling.

The Standard has been idle since Saturday night, but will be started tomorrow

At the annual sale of sample tables on 'change, \$1,540 was realized from the 28 tables.

The monthly meeting of the Opera-tive Millers' Association will be held next Sunday.

A. V. Martin, did jury service last week, and Capt. Holmes is doing like-wise this week.

E. G. Chapman, office man for the Sidle, Fletcher & Holmes Co., is away on a two weeks' vacation.

Quite a difference is made in the ca-ble bills of the mills by the recent advance from 12c to 31c per word.

Fred K. McKeen, formerly with the Link Belt Machinery Co., was mar-ried yesterday to Miss Becca A. Littlefield.

N. H. Wolfe, of N. H. Wolfe & Co. commission, flour and grain dealers of New York, visited Minneapolis last week.

Michael Doran, the St. Paul poli-tician, is said to have made \$150,000 by being on the right side of the September corner.

C. M. Giddings, of the Sioux City Machine Works, Sioux City, Ia., was in the city this week in the interest of his company.

120 No. 2 northern; 30 No. 3; 50 rejected; and 71 no grade. Total number cars, 959.

Elmer Udell, lately in the Standard, has gone to Wells, Minn., to take charge of a mill. Chas. Dawson takes his place at the Standard.

W. O. Bolton, who has been working temporarily in the Galaxy. this week leaves for a place 250 miles west of Winnipeg in the Northwest Territory, and will run a mill there.

The Crown Roller broke one of its water wheels Monday night, and the engine had to be started up to run while a new wheel is being put in, which will take about two weeks.

F. E. Near, who has been represent-ing the Bradford Mill Co., of Cincinnati, in Minneapolis for several weeks, has placed one of his company's reels in the Columbia mill, and Head Miller Zimmerman is much pleased with its work.

The receipts and shipments of wheat, flour and millstuff by Minneapolis for September, as compared with last year, are shown below :

Receipts. Shipmente Millstuff, tons. 589 467 18,767 18,875 Mrs. Helen A. Bowles, of Buffalo, N. Y., who has a farm near Tower City, Da., made \$1,000 at the chamber of commerce, Saturday, by buying 20,000 bus of wheat just before the market took a leap upward. If she had lost \$1,000, there would probably have been less said about the transaction. Alvip Roundy who heap had the

lees said about the transaction. Alvin Roundy, who has had charge of the packing at the Washburn B and C for many years, and latterly at all three of the Washburn mills, lately gave up that position, and H. O. B. Harding, the shipping clerk, is now looking after the duties of the place. Ed Ellis, Ed Hutchins and Frank Bow-ers remain as foremen respectively at ers remain as foremen respectively at the A. C and B.

Although it has been over fourteen months since the St. Anthony elevator was burned, the fire is not yet totally extinguished. Whenever there is a extinguished. Whenever there is a high wind smoke can be seen issuing from the heap of burned wheat, and the disagreeable smell of the roasted staple is a constant reminder to those who live in the immediate locality of the big fire of July, 1887.

the big fire of July, 1857. The only new development in the Union elevator wheat stealing case has been the taking out by the Union Ele-vator Co. of a writ of attachment for \$25,000 to be filed on property of Harry Holcomb, the absent ex-foreman of the elevator. In this writ he is charged with appropriating 28,000 bus of wheat to his own use. Some entertain the opinion that Holcomb is on the other side of the Canadian line. ide of the Canadian line.

The receipts of wheat and shipments of flour and millstuff from Minneapolis by the various roads for the week end-ing Saturday were as follows :

I	Received	Flour, B	lillstuff,
	heat, bus.	bbls.	tons.
Milwaukee	487,760	30,560	536
Omaha	142,240	15,909	2,490
St. Louis	29,120	900	41
Wisconsin Central		625	28
Manitoba	466,640	16,750	24
St. P. & Duluth	1,120	27,125	447
Northern Pacific	106,960		91
Kansas City	2,240	24,442	156
C. B. & N		47,125	1,600
800	39,200	41,026	386
East Minnesota		3,625	
Totals	1 225 280	202 087	5 700

The tax case of the state vs the Min-C. M. Giddings, of the Sioux City Machine Works, Sioux City, Ia., was in the city this week in the interest of his company. For the week ending yesterday, there were inspected in this market 266 cars No. 1 hard; 422 No. 1 northern; wheat in question, but that it was sim-

ply consigned to it for keeping. The court granted the motion on that ground. A number of similar actions commenced will be dismissed on the strength of this.

Transit of the Milwaukee and Oma-Transit of the Milwaukee and Oma-ha roads is now quoted at $\$_2$ to \$c per hundred pounds. A million and a half pounds were bought by a party yester-day at $\$_2$. Under the new deal with the other northwestern roads, this transit is good on all the lines. On this point the Market Record says:

point the Market Record says : There is enough grain and flour transit sold and in the hands of Mioneapolis shippers to carry out from half to three-quarters of a million bar-rels of flour. The bulk of the wheat is now ar-riving over transit roads. So that with that tran-sit on hand and the new accretions daily added, there will be enough of it to cover about what flour and wheat millers and grain shippers may desire to send to interior points, and leave the eastern and foreign business to go by the cheaper northern routes.

Otto Troost, Jr., agent for the patent saw which the MILLER has heretofore mentioned, was in the city Monday, having just returned from St. Cloud and Little Falls, where he sold a con-siderable number of the saws. The Montague-Woodruff Saw Co. has been formed for the handling of the saw, and patents have been applied for in England and other foreign countries. G. Montague, of Chicago, and Otto Troost, Sr., of Minnesota City, are in-corporators of the company. Mr. Troost, Jr., states that the interior of the Tileston mill at St. Cloud is nearly completed, all the machinery being the Tileston mill at St. Cloud is nearly completed, all the machinery being located and the spouting almost fin-ished. Considerable work, however, is yet to be done on the race-way, and two weeks or longer will be required to get the mill in shape for operation. being

Among the visitors on 'change the

Among the visitors on 'change the past week were: C. F. Young, Lake City, Minn.; R. T. Kingman, Hillsboro, Da; S. B. Stevens, Red Wing, Minn.; B. B. Sheffield, Farlbault, Minn.; B. A. Dalrym ple, Dakota; H. P. Cargill, Chicago; T. J. San-ford, New York; E. S. Tyler, Fargo, Da; G. N. Lyman, Jr., Milwaukee; A. Knoblauch, Carver, Minn.; S. W. Pierce, Chicago; C. Foss, Lake Preston, Da: G. M. Eschenberry, Chicago; M. T. Andrews, Dwight, Da; M. Campbell, and S. W. Turner, Elk River, Minn; Geo. Tileston, Far-ibault; H. A. Snyder, Philadelphia; L. G.Greene, Hudson, Wis; E. D. Baldwin, Detroit, Minn; C. Burckhardt, Bruckhardt, Wis; Chas. S. Seaver, Joliet, III; W. R. Miller, Montgomery, Minn, J. D. Parker, and F. P. Reynon, Fargo, Da; L. Bun ton, Ortonville, Da; John S. Watson, Jamestown, Da; E. P. Salmon, Beloit, Wis; Wm. Foreman, Wabasha, Minn, F. P. Collier, Mayville, Da; C. F. Listman, Chicago; Frank Abbott, Milwaukee; J. H. Hiland, Fargo, Da; C. B. Murray, Cin-cinnati; G. E. Putney, Royation, Minn; E. J. Hildreth, Stevens' Point, Wis; J. W. Hoit, Aber deen, Da; J. B. Johnson, Osakis, Minn; D. E. Regan, Bath, Da: F. H. Purdy, Foreman, Da; L. Lemcke, St. Louis; G. W. Sheldon and H. W. Clark, New York; J. H. Morrison, Philadelphia; Fraak Hall, Peoria, III.

Frak Hall, Peoria, III. Fred E. Hardenbergh, of the Crown Roller mill, has once more come out ahead in his damage suit against the Manitoba road for being ejected from a train. On Aug. 3, 1887, Mr. Harden-bergh was coming from Lake Minne-tonka, and refusing to give up his ticket until provided with a seat, was put off the train between stations. He sued the Manitoba road for \$3,000 dam-ages, and in the district court the case was taken from the jury and decided in favor of the railroad. Mr. Harden-bergh appealed to the state supreme court and obtained a decision revers-ing the action of the lower court and ordering a new trial. The suit was tried in the district court again last week, and the jury awarded the plaint-iff \$800 damages. C. M. Hardenbergh, L. Christian, C. E. French and others have been more or less interested in the case, and the outcome so far has been quite gratifying to them. It is possible that the railroad company may yet appeal the case. Peter Edholm, an employe of the Lowry elevator. which is used to store Fred E. Hardenbergh, of the Crown

may yet appeal the case. Peter Edholm, an employe of the Lowry elevator, which is used to store grain for the street car company, was instantly killed Saturday while en-gaged at his duties. The accident re-sulted from his reaching over a revolv-ing shaft to adjust a spout, standing on a step ladder for the purpose. This was an unusual proceeding, and a com-panion warned him of the danger he was in at the time. Edholm seemed to panion warned him of the danger he was in at the time. Edholm seemed to pay no attention to the caution and in a moment the shaft had caught his loose blouse. His body was rapidly carried around the shaft, the feet striking the heavy timbers at each rev-olution, and by the time the machin-ery could be stopped the scene was a

most sickening one. His clothing was torn to shreds, and particles of flesh were thrown in all directions, while both legs were torn completely off just below the knees. Edholm had many times before adjusted the same spout, but in a less dangerous way, and a cor-oner's jury rendered a verdict that the accident was due to his own careless.

accident was due to his own careless-ness. Jas. Cargill, the assignee of D. C. Moak & Co., has made a statement of that firm's affairs, placing the liabili-ties at \$27,559 and the assets at \$15,894. It is thought that the creditors will get about sixty cents on the dollar. Among the principal creditors are: C. Bas-sett & Co., \$1,066.30; Union Elevator Co., \$6,990; L. T. Soule Elevator Co., \$2,079; Central Elevator Co., \$366; Cargill Bros., \$1,866; C. A. Cobb & Co., \$1,922; Wheeler & Carter, \$339; G. W. VanDusen Co., \$1,134.41; Holly mill, \$129; C. N. Smith, attorney fees, \$500; F. H. Peavey & Co., \$745; Woodward & Co., \$200; D. Morrison & Co., \$255; Griffiths, Marshall & Co., \$150; Minne-apolis & St. Louis Elevator Co., \$500; Bank of Commerce, \$675.12; Elevator B, \$296.14. Of the total amount of the liabilities, \$900 are personal accounts of D. C. Moak. The majority of the creditors reside in the city. The as-sets, with one or two exceptions, con-sist of small accounts with local and foreign grain dealers. The heaviest accounts are: four cars of wheat, \$2,000; Loutag & Co., Winona, \$1,372; W. G. Harley, \$706.99; warehouse at Waconia, \$900; office furniture, \$700; cash on hand with assignee, \$3,302.

Convict Labor for Jute Manufacturing.

As a solution of the problem how to

As a solution of the problem how to employ the 400 state prison convicts at Stillwater, it has been suggested that the manufacture of binding twine and jute for bagging be engaged in. 'Re-ferring to this proposition, an eastern manufacturer says: "The putting of convict labor to manufacturing burlaps would un-doubtedly involve the state in a very serious loss. It would cost, at the least calculation, a quarter of a million dollars, to put up any kind of a plant that would enable it to be run at a minimum cost, and not less than \$100,-000 more to carry raw material in transit and in process of manufacture, and \$50,000 still more for manufacture, and \$50,000 still more for manufactures this country ever produced, embarked in this business, importing the ma-chinery and some labor from Dundee. A two years' trial made him abandon entirely the manufacture of burlaps, he then putting his mill on 1[‡] lb cotton baling stuff. Several other attempts have been made with indifferent suc-cess, and I think now all are aban-doned. One great difficulty in Minne-sota would be the dry climate. Jute spinning depends much on a soft damp atmosphere, and it also seems necessa-ry that the operatives must be born

sota would be the dry climate. Jute spinning depends much on a soft damp atmosphere, and it also seems necessa-ry that the operatives must be born and bred to the business. This is one reason why Calcutta and Dundee are the only two successful places of man-ufacture in the world. "The proposed pail, tub and wooden ware factory to an outsider would seem most feasible. The timber is close at hand, the labor requires but little education, and the transportation on such wares, owing to their being bulky, is very high. The trade for all these goods is near at hand, and local factories would hold a complete mo-nopoly on that account. As to bind, ing twine being made out of flax, that may be feasible, but I can not say. The yarn is coarse, and is, therefore, probably not affected by the climate, as fine jute yarn suitable for burlap would surely be. Another point in the making of burlap is this: The most successful mills make both the best mangled and common goods. most successful mills make both the best mangled and common goods. They select the jute when opened, the best going into the fine mangles, and the poor, together with the waste from the best, going into common burlaps and coarse heavy bagging for hop sack-ing material.

HE MARKETS

MINNEAPOLIS, Oct. 3. The wheat markets of the east have advanced to meet prices at the west. They have not yet made the full rise of the western markets, but the two are relatively nearer together than they were a week ago. During the time of the entire advance, foreign markets have held back, and when fol-lowing have done so slowly. New York took its cue from them and Chi-cago did so early from both the others. "Hutch" and his following in Chicago conceived the idea, apparently, that if Minnesota prices had a good founda-tion, then all east of it were too low. That does not seem to be a remarkably difficult idea to develop, and yet it ap-pears to have been beyond the ken of the crowd of Chicago speculators who waked confidently into Hutchinson's net. A week ago the flour manufact-turers of Minneapolis were paying \$1.10 for wheat to grind. The price of wheat 400 miles nearer the common points of consumption was under \$1, and specu-lators were going short of it at that. New York was still worse and going short of it then at less than \$1, while at the common source of supply 1,500 miles west, the price was more than 100 above them, and standing on the legit-imate basis of consumptive demand. York.

The reason that they all made such a mistake, they are beginning to see, was that they looked at the wrong end for light. With the world's granaries overflowing, the markets go down, lacking sufficient consumptive demand. The first to drop is the con-sumers' end. On the other hand, a short supply is first found out at the source of it, where prices are first ad-vanced. Speculators have been look-ing to the east for pointers, when they should have looked west. Much ado was made yesterday in New York be-cause that market had touched \$1.08, when, if traders there had looked west, they would have seen that both Min-neapolis and Duluth touched \$1.17. The \$1.17 was paid for wheat to turn into flour to feed those same New York traders on, after paying 65c a bar-rel freight to get it there. They don't get their bread from Liverpool nor from Glasgow. Yet they look to those places to get values, and with them turn to the west to buy and find the values they have got don't match the cost. They are evidently bewildered as shown by the excitement attending the result. Reports from their ex-changee say they are "dazed," "wild,"

as shown by the excitement attending the result. Reports from their ex-changes say they are "dazed," "wild," "stupefied," etc. Now if they had turned to the west for light they could have kept along with the procession without suffering any convulsions. The demand for flour has been sharp all through this country, and to meet it, millers bought wheat freely paying the price it was going at. That flour goes through Chicago, New York or other eastern points to consumers. The western recede. The present unatural conditions cannot continue, and the eastern must come up to them or the western recede. The present unnatural conditions cannot continue, and prices must adjust themselves either by declines at the west or ad-vances at the east—perhaps both. Reports gathered during the week show that farmers' marketings of wheat in Minnesota and Dakota, from the new crop, have been only 40 per

Show that larmers' marketings of wheat in Minnesota and Dakota, from the new crop, have been only 40 per the new crop, have been only 40

railroads are bringing wheat here nearly as fast as it is offered them, while a year ago there was so much offered at this time that they could not haul in half of it, leaving the other to accumulate until in November such accumulations had reached 21,000,000 bus

It was the disclosing of the forego-ing conditions this morning that caused an unprecedented rise to-day. caused an unprecedented rise to-day. The advance in wheat this morning from the close last night was about 10c in Minneapolis, Duluth and Chicago, about 8c in New York, and similar changes at other points. Toward the close there was some reaction with prices closing 1(@5c below the top at different places. *WHEAT.—The highest and lowest wheat prices on 'change during the

wheat prices on 'change during the week ending to-day, closing prices, and the prices one year ago were:

00 *These prices are for wheat on track. Wheat in store about 1c less.

In futures, October closed at \$1.241 for hard, \$1.20 for 1 northern. December closed at \$1.25 for hard and \$1.201 for 1 northern

FLOUR.—Trade in the way of do-mestic distribution has been good in this market, especially the latter part of the week. An increasing inquiry is noted for flour to go abroad, and more lots are now sold than a few days earlier. Bakers' are offered relatively much cheaper than patents, and an unusually wide difference is main-tained between them abroad—in some instances nearly 13s a sack of 280 lbs. instances nearly 13s a sack of 280 lbs. The demand from the Atlantic states has grown recently. Flour dealers there were unbelievers in the legitithere were unbelievers in the legiti-macy of the first advance and, except-ing in a few instances, have bought moderately since, having a good deal of pressure for prompt shipment. The wheat market continues very firm here considering the unprecedented rise of the last few weeks. Flour cannot be made at prices below the late quota-tions of wheat and flour. There ought to be a reaction in wheat to follow form-er precedents, but there could hardly be much reaction in flour without an important drop in wheat that would appear to be permanent, which can hardly be with the active competition for it. for it

for it. Quotations at the mills for car or round lots are: Patents, \$6.50(@6.75; straights, \$5.85(@6.50; first bakers', \$4.50(@5.25; second bakers', \$4.75; best low grades, \$2(@2.25, in bags; red dog, \$1.90 in bags.

red dog, \$1.90 in bags. ##These quotations are on flour in barrels, ex-cept as stated. The rule is to discount 25c per bbl for 280 and 140 lb jute bags, 20c for 98 lb cotton sacks, 15c for 49 lb cotton sacks, 10c for 24/2 lb cot-ton sacks, and 15c for 49 lb paper sacks. In half barrels, the extra charge is 30c per bbl. MILLSTUFFS. — The bran market was steady with a moderate amount of stuff offered for prompt shipment at about \$11, with bidders a little un-der, and some millers asking more. Shorts, \$12@14.50, according to qual-ity.

ity.

The table below gives the direct ex-ports of flour to foreign countries from Minneapolis for a series of weeks end-ing on the dates given :

		0			
1888.		Bbls.	188	7.	Bbls.
Sept. 2	29	45,800	Oct.	1	60,500
Sept. 2	22	58,100	Sept.	24	50,900
Sept. 1	5			17	49,200
Sept. 8		43,400	Sept.	10	51,200
	1			8	60,000
	5			27	55,000
Aug. 1	8	67,800	Aug.	20	52,400
	1			18	63,700
Aug. 4				6	56,300
July 2	8			30	60,900
	1	57,100	July	23	58,300
	4			16	54,500
				9	
June a	0	59,200	July	2	61,600

The following were the receipts at and shipments from Minneapolis for the weeks ending on the dates given :

ttsf	Wheat, bus Flour, bbls Millstuff, tons	2,885	Sept. 25.	Sept. 18. 1,009,470 375 168
1	- 1	HIPMENTS		
t	Wheat, bus	Oct. 2. 268,050	Sept. 25. 256,500	Sept. 18. 284,430

208,286

163,450 4.584

The wheat in elevators in Minneapo-lis, as reported by the chamber of com-merce, as well as the stock at St. Paul and Duluth, is shown below :

the state of the s		Oct. 1.	Sept. 24.
No. 1 hard, bus		743.830	741.586
No. 1 northern, bus		484,909	595,910
No. 2 northern, bus _	***	334,425	470,785
No. 8, bus		35,896	171,987
Rejected, bus		63,957	55,283
No grade, bus		1.993	30,283 977
Special bins		649,065	36,474
Total, bus		2,314,077	2,573,005
Amount in store san			
last year		2,190,648	1,937,380
nor that in mills.	T. PAUL.		
8	T. PAUL.		
	Oct. 3.		Sept. 19.
In elevators, bus		25,000	
Same date last year	85,000	95,000	60,000
1	DULUTH.		
	Oct. 1.	Sept. 24.	Sept. 17.
In store, bus		413,717	617,095
Same date last year_	921,289	734,046	750,890
1	8 18	•	
Exports of flou	ir and	wheat fr	om the
United States f			
Sept. 21, 1888, acc	cording	g to the l	roduce

Exchange Reporter, have been : bus. 1,691,270 1,333,927 980,315 at Britain and Ireland Continent ______. S. America, W. I., etc_____ 4,105,512 4,683,383

837,140 825,805 -

* * The Baltimore & Ohio is still the only line which has advanced the all-rail rate to seaboard points. The lake and rail rates were advanced 2½ c per hundred on Oct. 1, and are being en-forced, though they will probably be reduced if the other rates are kept where they are. The northwestern roads have fixed up some kind of an arrangement for the advance of the rate between Minneapolis and Mil-wankee and Chicago to 12½, but the Lake Superior routes will still be open at old figures, and transit on the for-Lake Superior routes will still be open at old figures, and transit on the for-mer can be had so that a 8½ to 9c rate can be secured in place of 12½c. This advance is announced to go into effect Oct. 10, but millers and freight men seem to entertain some doubt about its being enforced. All rail and lake and rail rates are as follows (in cents per 100 lba): per 100 lbs):

Minneapolis to	All rail.	across lake.	a
Milwaukee	-	71/6	- 7
Chicago	7%		- 7
Buffalo	20	18	17
Albany	27%	25%	- 22
New York	271%	251%	25
Philadelphia	251%	231/2	25
Boston	3212	3012	30
Baltimore	2412	2212	22
Portland	2017	201	91

Portland 221,2 30,2 30 Rates via Duluth and Sarnia to Boston and common points and Port-land and common points via Montreal have been reduced to 30c per hundred, but those to Niagara frontier and Buf-falo are unchanged. Rates via Duluth and Sarnia are (in cents per 100 lbs): <u>Minneapolis to</u> Buffalo

:	Bullato	147
1	Albany and Troy	28^{1}
i l	New York and New York points	27%
	Boston and Boston points	80
	Portland	30
1	Philadelphia	251

It is very dull in ocean business, no the very during ocean business, no contracts of any consequence being taken. Though there are a few minor changes, Liverpool, London and Glas-gow via Boston being a triffle lower, rates are quoted firm. Quotations on Wednesday were as follows (in cents per 100 lbs): From From From From

	From	From	From	From
	*New	*Bos-	+Balti-	†Phil
To-	York.	ton.	more.	delphi
Liverpool	19.68	16.87		19.
London	22.50	21.09	22.00	
Glasgow	19.68	15.46	21.00	-
Leith				-
Bristol	23.90		28.00	
Antwerp				
Hull				
Newcastle	19.68			
Dublin	26.71			
Belfast	29.81		28.00	
Dundee	30.93			-
Londonderry	30.93			-
Cork	33.75			
Sligo	32.34			
Rotterdam			29.00	-
Amsterdam	22.50		30.00	
Bremen				
Hamburg				-
Aberdeen				

For shipments via lake and rail from Milwau-kee or Chicago, add to figures in above columns, for inland rate: *Via New York or Boston, 17%. tVia Philadelphia, 15%c. †Via Baltimore, 14%c.

A number of large foreign houses doing business in New York are said to have been badly caught in the Sep-tember wheat deal.

A CORRECTION OF EVIDENCE.

A CORRECTION OF EVIDENCE. Mr. Bennett writes us that his state-ment in reference to the bogus reso-lution quoted in our last issue is not correct. Mr. Bennett admits that he copied the resolution as originally written by W. C. Edgar verbatim, but he couples with it the further state-ment that the resolution so copied was identical with that which appeared in the American Miller. In other words that W. C. Edgar wrote the bogus res-olution himself. We have no objec-tion to altering Mr. Bennett's evidence to this effect, if he desires it, and likes the position it leaves him in, to wit, that of having made a statement which is fatly contradicted by the sworn evi-dence of W. C. Edgar A. C. Loring and John W. Heywood. Dur reade:s may take their choice. They can believe the evidence of Geo. S. Bennett, a stockholder in the Geo. T. Smith Co., who says (but does not make oath to his statement) that the resolution written for him by W. C. Edgar was identical with that in the American Miller, or they can believe the following sworn testimony, just as they please. 1. W. C. Edgar swears that the reso-

they please. 1. W. C. Edgar swears that the reso-1. W. C. Edgar swears that the reso-L. W. C. Lugar swears that the reso-lution he prepared and gave to Geo. S. Bennett was NOT the same as that printed as genuine in the American Miller.

2. A. C. Loring swears to the same effect. 3. John W. Heywood swears to the

same effect.

same effect. For proof of this we refer to the sworn statements of these three per-sons in our last issue. We suppose that in a court of law the sworn evidence of three witnesses is worth more than the simple state-ment of one person who is an inter-ested next. ested party.

The Glasgow Market.

[Special cablegram to the NORTHWESTERN MILL-ER from F. & J. Cassels, flour importers.] GLASGOW, Oct. 3.—The market is very active with all grades in good demand.

demand. Spot prices per 280 lbs, delivered terms, are: Spring—first patents, 37s; second patents, 35s; straights, 31s 6d; prime bakers', 28s; second bakers', 27s; low grades, 18s@21s. Winter—first patents, 35s; second patents, 33s; extra fancy, 31s 6d; fancy, 30s; choice, 28s; family, 26s; Canada patents, 32s.

The Liverpool Market.

Special cablegram to the NORTHWESTERN MILL-ER from Kruger, Darsie & Co., commission mer-

LIVERPOOL, Oct. 3.—A considerable advance in price has been effected and it is thought the advance will be main-tained. Flour stocks in store here are

tained. Flour stocks in store here are considerably reduced. Quotations per 280 lbs delivered terms are: Minnesota first patents, 39s; second bakers², 28s 3d; low grades, 15s; winter patents, 35s 6d; extra fancy, 32s 3d; Hungarian, finest, 37s, all delivered terms fancy, 32s 3d; Hun all delivered terms.

The London Market.

[Special cablegram to the NORTHWESTERN MILL-ER from Geldard, Garrett & Co., flour importers.] LONDON, Oct. 3.—The market is very active with all grades in good demand and a considerable advance in prices has been effected.

has been effected. Quotations per sack of 280 lbs deliv-ered terms, are: Minnesota flours-patents, 36s 6d; second patents, 34s; prime bakers', 27s; second bakers', 25s 6d; low grades, 15s 6d@20s 6d. Winter-patents, 34s; extra fancy, 31s 6d. Hun-garian, 36s 6d.

The visible supply of grain in the United States and Canada, and in transit by water, as compiled by the secretary of the Chicago board of trade, was as follows on the dates named:

S	ent. 29, '88,	Sept. 22, '88.	Oct. 1. '87.
Wheat			30,997,973
orn			7,085,045
Dats	6,920,888	5,991,405	5,228,001
Rye	. 823,014	679,771	318,812
Barley	358,874	256,191	1,162,009
Wheat incre	ase for the	wook 400 640	hng

p 1-

ne

nd

1

ne

Glasgow Flour and Grain Dealers and Millers

In a lately issued work, entitled "In-dustries of Glasgow," and dealing with the general business interests of the city, we find considerable matter bear-ing upon the flour and grain importing and handling and milling trades, from which we take extracts as below : The house of Thos. Dunlop & Sons holds an eminent and distinguished

holds an eminent and distinguished position among the representative business concerns of Glasgow. This well-known firm was founded upwards of thirty-seven years ago by Thos. Dunlop. Some years ago Mr. Dunlop admitted his two sons, Thos. and Rob-Dunlop. Some years ago Mr. Dunlop admitted his two sons, Thos. and Rob-ert J. Dunlop, as partners, and since that event the firm has traded under the style of Thos. Dunlop & Sons. The business engaged in is that of foreign grain and flour merchants, shipowners and brokers. There are few Glaswe-gian firms who have developed a sys-tem of undertakings in the branches of business activity referred to of greater magnitude or wider influence than that now controlled by Messrs. Dunlop, and there is no house whose conduct of such a system has manifest-ed a stronger devotion to principles of strict honor and unfailing integrity. Dunlop & Sons own the two valuable fleets of merchant vessels comprised in the Clan line of stailing ships, and the Queen line of steamers, which rank among the most successful vessels in the British merchant marine. The firm controls a great volume of trade in the entirety of its operations, the business connections maintained ex-tending throughout the world. It also holds the important post of agent to Lloyd's for the port of Glasgow. Among the leading firms in the busi-ness of importing flour and grain from America and Canada, a very promi-nent position is occupied by Gilchrist Bros., whose business has been estab-lished about seven years. When first started it was carried on by Saubby & Gilchrist. In 1834 this partnership was dissolved, and Mr. Gilchrist admitted

started it was carried on by Saunby & Gilchrist. In 1884 this partnership was dissolved, and Mr. Gilchrist admitted his brother as partner, and, in 1886, Robt. A. Gilchrist. The business is solely connected with the importation of flour from America and Canada. Messrs. Gilchrist have gained a great reputation for the superior qualities of flour they import and a very large con-nection has thus been gained through-out the whole of Scotland and Ire-land, and in parts of England. Few firms have achieved such a gr at suc-cess in so short a period of time. The well-known and influential house of Gibson & Clark was founded in

of Gibson & Clark was founded in Glasgow about forty-three years ago, by Robert Gibson and Geo. W. Clark. Robert Gibson retired in 1864, and the by Nobert choson and Geo. w. Chark. Robert Gibson retired in 1864, and the business was carried on for some time by Mr. Clark alone, the original title being, however, retained. About fif-teen years ago Mr. Wilson, who had been for many years cashier to the house, became a partner; twelve years ago Mr. McDonald, who had been in the employment of the firm for upwards of thirty years, was also admitted to a partnership; and two years later D. R. Clark, Mr. Clark's son, joined the firm, the personnel of which now includes these four gentle-men, who trade under the old name of Gibson & Clark. The business is that of general corn factors, and embraces the extensive importation of all kinds of American grain, and also of barley, wheat and maize from the Black sea and elsewhere. A very large volume wheat and maize from the Black sea and elsewhere. A very large volume of trade is transacted in this way, and the house is one of the best known and most highly reputed in the Glasgow market. The firm has lately added to its extensive corn business that of shipowners, and the management of large sailing ships of the newest type is directly under the charge of David R. Clark. Clark

The business carried on by Jas. Osborne & Co., produce brokers, is one of the most important in Glasgow. Among the leading features of the business, Osborne & Co. are agents for business, Ostorne & Co. are agents for several of the largest American mill-ers. The house was founded in 1867. It opened a branch establishment in New York about twelve years ago, and has also a very important depot in London, and another in Liverpool.

The business is very ably and energet-ically conducted, and ranks among the most noted establishments in the ong district

David Black, produce broker, grain David Black, produce broker, grain and commission merchant, has now been extensively engaged in the busi-ness since 1869. In early life he en-tered the employment of a very ex-tensive firm of provision merchants in Liverpool to serve his time. He soon acquired a thorough knowledge of every detail of the business, and his principals sent him as buyer to the leading towns in Ireland. After re-maining six years with his employers, he left them, and began operations on his own account, in the month of June in the foregoing year. His success in his own account, in the month of June in the foregoing year. His success in transacting business for the many ship-pers from America, the continent, and nearly all parts of Ireland, who have entrusted their affairs to him, is greatly attributed by Mr. Black to his intimate knowledge of every department of his trade. The house has a first-class con-nection among the leading mer-chants and provision dealers in Glas-gow and the surrounding district, dealnection among the leading mer-chants and provision dealers in Glas-gow and the surrounding district, dealing largely in Au other commoditie American flour among

The firm of John Richmond & Co. The firm of John Richmond & Co., grain, flour and oatmeal merchants and commission agents, was founded in 1837 by the late Jas. Ferguson and John Richmond. Mr. Ferguson retired from the business with a competency in 1851, and Mitchell Smith became a partner in 1860, the style of the firm at that date being Richmond & Co. John Richmond died in 1874; five years later Jas. Richmond, his son, entered the concern, since which no further change has been made. The firm deals in grainstuffs of every de-scription; also in manufactured stuffs, such as pot and pearl barley, split peas such as pot and pearl barley, split pear and oatmeal, and are importers of American flour and Canadian oatmeal of Their business connection extends over the three kingdoms and to sever-

over the three kingdoms and to sever-al of the colonies. A recently established house in the flour and grain trade is that conducted by Geo. M. Thompson, the sole propri-etor, under the style of Geo. M. Thompson & Co. This business though only founded in 1887, has nevertheless attained a recognized status in the trade. Though flour and grain stuffs are kept on hand, the speciality for which the house has made a name is flour, large quantities of which are supplied to bakers throughout Scot-land and Ireland. The old and notable house of Wm.

land and Ireland. The old and notable house of Wm. Brock & Son, grain merchants, was founded upward of seventy years ago by Gardner & Brock, who were also, for a number of years, proprietors of the well known Anderson mill. About half a century ago Mr. Gardner re-tired from the firm, and the business was then carried on by Mr Brock until his retirement in 1855. The control of the concern then became vested in his his retirement in 1855. The control of the concern then became vested in his sons, William and Andrew Brock, who assumed as partner, about three years ago, George Wishart, and the present style of the house is, as specified above, Wm. Brock & Son. The business is in grain, meal and flour, all these branches being ve y extensively rep-resented in the operations of the firm. Its name is well known and highly re-puted throughout the country, and its direct business connections extend all over Scotland. The firm of J. M. Waddell & Co

The firm of J. M. Waddell & Co. The firm of J. M. Waddell & Co., produce brokers, was founded in 1868, under the title of Aitken & Waddell, and upon the death of Mr. Aitken some years ago it was continued by Mr. Waddell alone. The house is extens-ively engaged in importing a great variety of products from abroad, a very large proportion of these coming from America, both the United States and Canada. Flour forms a very im-portant branch of the trade, and the firm imports enormous quantities from all parts of America. The business is carried on in the most energetic manall parts of America. The business is carried on in the most energetic man-ner, and the firm has attained a deserv-edly prominent position in the trade. [It should be remarked that there are

But three mills are described, al-though Glasgow has quite a number. The well known Crown mill, owned

though Glasgow has quite a number. The well known Crown mill, owned by John Ure & Son, is thus referred to: The business dates from 1817, when it was founded by John Ure. In 1847 Mr. Ure admitted his son, the present head of the firm, as a partner. The mill of this firm was erected in 1860, and is six floors high, covering an area of 1,200 equare yards. Power is sup-plied from two large boilers to a com-pound engine of about 300 hp in the mill, and to a suitable engine in the grain stores. The weekly production ranges between 2,000 and 3,000 sacks. The old buhrs have been entirely su-perseded by the roller system, and the mill has at present 34 sets of rolls in operation, including 14 sets corrugated, 14 sets plain, and 6 sets porcelain. The firm's finest flour and baking flour are in extensive demand, while its bran and other offals are largely used in and around Glasgow for cattle feeding, and for the same purpose are also sent in large quantities to and other onais are largely used in and around G'asgow for cattle feeding, and for the same purpose are also sent in large quantities to England and Ireland. The force of employes num-bers 45 men, and is supplemented by a large clerical staff. Ure & Son confine their milling operations entirely to wheat grinding, and also do an exten-sive import trade in Hungarian flour. By the adoption of the roller process and all the latest improvements Messrs. Ure have been enabled to more than hold their own against American com-petition; and their success should en-courage other British millers to display a similar spirit of progress and enter-prise. The facilities now possessed by the Crown mill for the effectual and expeditious conduct of both the indus-trial and commercial portions of the expeditious conduct of both the indus-trial and commercial portions of the business engaged in are of the most complete character. The offices have telephonic communication with all ports of the country, and trans-actions are entered into and completed with customers in distant parts of the United Kingdom with the utmost fa-cility. Messrs. Ure have purchased ground at Bunhouse, upon the banks of the river Kelvin, where they are erecting another mill and stores, which will be much larger than the establishment herein noticed. The trade of the house is one of constant establishment herein hoticed. The trade of the house is one of constant growth and development, and its con-nections take effect in all quarters of the three kingdoms.

The well known concern of Harvie & McGavin dates from 1825, when it was founded by Gardner & Brock. In 1836 it became Harvey & McGavin, un-der which style the business is still carried on. The mill is of considerable carried on. The mill is of considerable extent, and is run by steam. It con-sists of a building of six flats, each 70x 70 ft, and there are twelve pairs stones. This is the only mill in Gla of 70 ft, and there are twelve pairs of stones. This is the only mill in Glas-gow for grinding oats and oatmeal. The granary consists also of six flats, 70x50 ft. A millwright's shop is at-tached to the premises, and also a kiln for drying the grain, chiefly oats. A large business, mostly local, is done. The Ibrox mill, owned by Jas. Mar-shall, is devoted to what are known as "Marshall's preparations of wheat," this title including a variety of granu-lated and specially prepared products which would be called "fancy prod-ucts" in America. The business is large, extending to all parts of the United Kingdom, with considerable export trade.

The failure of the harvest in Ger-many is attracting serious attention. There is a poor crop of both cereals and potatoes. The price of bread is rapidly rising. Since 1887 rye has ad-vanced 48 marks and wheat 34 marks. In some districts the bakers have raised the price of bread 10 pfennigs per pound. Herr Richter, in an article in the *Liberal Zeitung*, calculates that Ger-many will require 13,000,000 hectolitres of grain to meet the deficiency. The people, he says, must therefore de-mand an immediate diminution of the duties on cereal imports. The The failure of the harvest in Gerduties on cereal imports. The progressists intend to actively agitate the question.

E. D. Bartlett, a grain dealer at Lanesboro, Spring Valley, Grand Mea-dow, Dexter and Brownsdale, Minn., has failed. The creditors are princi-pally Chicago commission houses.

A Corner Ahead.

W. J. Harris, F. S. S., of London and Liverpool, who is well known in the British grain trade, has written a trea-tise on "The Wheat Crop of the World," of which Bradstreet's has been favored with advance sheets. After going over the points of the situation and considering the relative conditions of supply and demand, Mr. Harris con-cludes that there will be a large defi-ciency under the most favorable con-ditions in the season of 1888-89. He continues:

ditions in the season of 1888-89. He continues: Men's minds are not prepared at present for any great rise. The last months of the year are never the pe-riod for active speculation in wheat, and statistical prophecies are, as a rule, disbelieved. When the spring comes the American ringmakers rise to the surface. They rise up, and thus far we have been thankful to see them gener-ally fall down. We can count upon ally fall down. We can count upon our fingers the "corners" of partial success; it would be much more diffi-cult to count the disastrous failures, success; it would be much more diffi-cult to count the disastrous failures. There has always thus far been a larger quantity of the article "cornered" than the operators believed possible. Any one would suppose that such constant failures would discourage the most courageous gamblers; but it is not so. Wheat is not like copper or tin. We can, for a time, do without either of the latter, and we can easily reduce consumption for a much longer period, while there is always an available sup-ply which can be obtained at extra cost. With wheat it is altogether dif-ferent. The year always increases the mouths that want food, and the quan-tity produced is limited to what the earth gives. A "corner" will one day be successful in wheat. The writer trusts he will not be considered unpa-

trusts he will not be considered unpatrusts he will not be considered unpa-triotic in saying that it is likely to be accomplished in the first half of 1869. At present we are allowing the French and Belgians to buy up nearly all the fine wheats destined for this market, and on passage to Queenstown and Falmouth for orders. There has and Falmouth for orders. There has been no adequate rise in prices, and the gravity of the circumstances is rather increasing than dimishing all the time. The advice of the free trade school to put all the land into grass and depend upon the foreigner for wheat has been in large measure ac-cepted. The fact has been lost sight of that the foreigner has no idea of of that the foreigner has no idea of growing wheat simply because we want it. He grows it while he can make a

It. He grows it while he can make a profit, and when the profit ceases he in turn reduces his cultivation. Year by year we become more and more de-pendent upon him, until this disastrons year we tupon him, until this disastrous season arrives and we find ourselves with a crop of 48,000,000 bus of really available wheat to provide for con-sumptive requirements of 208,000,000 bus. Year by year the population of Europe is increasing, and a larger proportion of that population is year by year demanding wheaten bread. year demanding wheaten bread. rear of bad harvests comes and the plies are inadequate. No other supplies are inadeq country is in the position as ourselve have taken same dependent es. The French country is in the same dependent position as ourselves. The French have taken the wise precaution of rais-ing the price of wheat sufficiently by import duties to encourage its cultiva-tion at home. Directly they see that we require more than the exporting countries can supply, they will pro-hibit the exports from France. Ger-many will do the same.

many will do the same. This position is entirely due to a number of fanatics who have enrolled themselves under a society called the Cobden club. They have put England in this dependent position. If the em-peror of Russia were to-morrow to pro-hibit the export of corn, with the view of exacting the utmost price later on, we should have bread at 2s a loaf, and possibly a revolution. If the American operators succeeded in cornering wheat, the result would probably be the ame.

Edw. P. Allis & Co., of Milwaukee, have lately issued their 1888 9 cata-logue of general mill and engine sup-plies, which is a fully illustrated work of some 63 pages, very neat and com-plete in every respect. All who desire this convenient work of reference can secure it by addressing that firm.

g

OCTOBER 5, 1888.



Charles H. Dorsey, Baltimore Age

The Baltimore flour market has been active, strong and higher since my last review, and, in fact, the whole week has been characterized by intense ex-citement. While the C. A. Gambrill Mfg. Co. advanced prices 25c all round on Tuesday last, the improvement in-augurated in springs, since a week ago, has reached the maximum of 40c per bbl. Exporters, dealers and job-bers alike seem anxious buyers at cur-rent figures, but a dearth of offerings restricts transactions. City mills again report sales of 10,000 bbls Rio extras, ranging from \$5.15 to \$5.37!. The countenances of millers' agents testify to satisfactory results from re-cent efforts, and at this writing the entire outlook augurs prosperity for those engaged in this line of trade. Receipts of flour this week were 64,154 bbls. The Baltimore flour market has been

The Baltimore grain pit this week has been a scene of unparalleled ex-citement and activity for these parts. Such animation is a revelation, indeed, to a market so ordinarily staid and conservative. Tumult, consternation and alarm have reigned supreme. The manipulation going on in Chicago has, of course, been the cause of it, but our traders, fortunately, have all come out of the fire unscathed and unhurt. De-cember, the favorite option, has gained 4jc over our last quotations. Values being above an export basis, shippers 41c over our last quotations. Values being above an export basis, shippers are nominally doing nothing. Millers, however, continue buying all desirable samples at current rates. Speculators are moving along cautiously, but evidently intend to raid the market at the very first opportunity. Receipts this week were 192,802 bus; stock in store 1,276,438 bus. Exports of flour, wheat and corn from Baltimore for week ended Sept. 27 were :

27 were :

27 were :			
	Flour,	Wheat,	Corn,
Destination.	bbls.	bus.	bus.
Liverpool	2,928	78,918	
St. John's	500		
Halifax	200		
Bremen	3		10,850
Dunkirk		78,157	10,000
Glasgow	7,356	10,201	
Belfast	1,000		96,526
London	27,578	8,000	17,143
Coastwise	2,377		******
CONDUTING	2,011		
Total	40,942	165,075	124,519
From Jan. 1, 1888	2.187 520	4,410,281	2,727,859
Same time 1887		9,772,703	6,211,361
Ohio, Indiana and I Ohio, Indiana and I Ohio, Indiana and I	llinois ex	tra	3.00@3.50 3.75@4.50 4.65@5.25
Winter wheat paten	IIIIIOIS IAI	muy	
Minnesota patent			5.25@5.75
Minnesota patent			6.35@6.50
Spring wheat straigh	O Locorana da	*******	5.75@6.25
Spring wheat bakers "Patapsco Superlati		ht antont	4.50@5.25
"Rolando" abaica m	Ver WIW	nt patient	6.25@
"Rolando" choice p	atent		6.00@
Baltimore high grad	te ramity.	******	5.90@
Baltimore choice gr	ade extra		5.55@
Maryland, Virginia	and Pa.	super	3.00@3.50
Maryland, Virginia	and Pa.	extra	3.75@4.50
Maryland, Virginia	and Pa.	taniny	4.65@5.25
City mills super City mills extra			3.00@3.25 3.65@4.15
City mills (Pio hann			0.00(04.10

ckwheet eat meal per 100 lbs, new. @4.00

Closing and comparative prices of wheat were :

teresting features during the recent ctivity:

George T. Gambrill, erect and hand-some, surveying the field with a knock-the-chip-off-my-shoulder kind

Inoca-the-chip-of-my-shoulder kind of an ai. President Henry A. Parr, on the out-skirts watching for "snaps." Charles D. Fenhagen and his noisy partner, "Billy, the Kid," busy as bees executing orders and "keeping it dark" dark.

"General Slocum" getting in his fine work all along the line. "Walking Hilarity" a little more se-

date than usual.

date than usual. "Dr." Barry, tantalizing as ever. Commissioner Schryver, somewhat weary, but owing, no doubt, to the cares of public office, and the volume of business transacted for his firm. "Deacon" Legg, hurling anathemas and entering trades. Johnson Levering, actively filling orders and taking an occasional "flyer." Frank T. Smith, exhibiting tele-grams, and putting in sledgehammer arguments for the "administration." "Elder" Michael, operating in sten-torian tones.

torian tones

torian tones. "Aesthetic" Loney, rushing excitedly to and from the telegraph offices. Charles D. Fisher, "seeking whom he may devour." President Macgill, watching, with eagle eyes, the blackboard quotations. Editor Shannon, on the qui vive for information

Editor Shannon, on the states, information, "Tariff Pat," gunning for "scalps." John L. Rodgers, full to overflowing

George H Baer, whooping it up. Secretary Wheatly, cool as a cucum-

"Crier" Wroth, unable to quell the pandemonium at "calls." "Humility" Smith, handicapped by

pedal appendages. Arthur F. Spice, making it spicy for

shorts.

'shorts.'' "The Mascot,'' cracking his same old moss-covered cheatnut. Edward C. Heald, looking flerce, but in reality harmless "The little dickey bird,'' slyly shear-ing the "lambs." Louis Müller, making the "shorts" tired

tired.

Robert H. Fowler, pursuing the even "Father" Hull, unconcerned and un-

dismayed.

John G. Harryman, keeping the "boys" in good spirits. A. W. Reed, smiling as a basket of

chips. S. R. Corner, apparently uninterest-ed in his Chicago namesake. A. H. Nelker, fighting shy of the

Blanchard Randall, keeping his

Blanchard random, according " weather eye peeled. A. J. Godby, securing "refusals." Edwin Hewes, busy "charging it to George C. Hilt, gobbling up all table

grain worth having. Walter Kirwan, full of business. R. F. Etzler, letting the deal severely alone.

Geo. C. Gantz, trying his level best to keep cool, but making a fizzle of it. John S. Reese, whistling to keep his

courage up. J. W. Schooley, ominously quiet. L. P. Goldsborough, on the still hunt

L. F. Conservative as ever. C. Bosley Littig, conservative as ever. CHARLES H. DORSEY. Baltimore, Sept. 29.

Regarding the lately rebuilt Officer mill at Austin, Minn., the *Register* of that place remarks that it is ready to begin work, after considerable im-provements, necessitated by reason of the dam, part of the mill and machin-ary being carried out last apring by

Closing and comparative prices of wheat were: Wheat, No. 2 red. 12.45 call solution of the mill and machinery between grain ring disclosed the following in-Closing and comparative prices of the dam, part of the mill and machinery between prices of the dam, part of the mill and machinery between prices of the dam, part of the mill and machinery between prices of the dam, part of the mill and machinery between prices of the dam, part of the mill and machinery between prices of the dam, part of the mill and machinery between prices of the dam, part of the mill and machinery between prices of the dam, part of the mill and machinery between prices of the dam, part of the mill and machinery between prices of the dam, part of the mill and machinery prices of the mill and machinery the dam, part of the mill and machinery prices of the mill and machinery the dam, part of the mill and machinery the dam, part of the mill and machinery the dam, part of the mill and machinery and that portion of the mill carried away rebuilt and refurnished with new rolls and machinery, Jas. Pye, of Min-meapolis, having the job. A new office is being built on the north side of the expanditure of about \$4,000, it is better prepared to do a large and satisfactory business than before.



A week of very fine weather in this country and in France has made a deep impression on men's minds and has created exaggerated ideas with regard to this year's crop, which some peo-ple now state will after all be a good one in England. This is quite absurd, but its effect has been to cause buyers to hold severely aloof, and has led needy farmers to accept almost any price offered. For instance to-day at Mark Lane new English wheat in fair condition was sold 2s to 4s per qr be-low the price paid a week ago. As a matter of fact, however, the only effect of this fine weather is to put the crop in better condition to be used at once, and consequently there is less immedi-ste need of foreign. With regard to most of the new wheat offered, the quality is quite inferior, and sometimes wretchedly bad, 30s per qr being ac-cepted in some cases. On foreign wheat on the spot the decline does not avered is and in fact anything of most of the new whest offered, the quality is quite inferior, and sometimes wretchedly bad, 30s per qr being ac-cepted in some cases. On foreign wheat on the spot the decline does not exceed 1s, and in fact anything of good quality still commands a high price. For forward delivery there have been absolutely no buyers, and No. 1 Californian for prompt shipment, which sold as high as 42s ten days ago, is to-day only worth 40s, while Aus-tralian off the coast, for which 41s 6d was bid a week ago, is to-day worth under 40s. The improvement in the American markets, which we here take to be a result of the damage done to the spring wheat crop, has so far had very little effect, the counterbalancing influences being improved crop reports in England and France. Undoubtedly the strongest element in checking any further rise has been the falling off in the French demand for wheat, conse-quent on the yie'd in the important wheat growing districts in the north-west of France turning out better than had been anticipated, and especially owing to the condition being much improved. The preliminary official estimates of the French crop, indeed, which was only published this morn-ing, put the total yield at 283,300,000 bus, many of the previous commercial estimates having been as low as 212,-500,000 bus and few above 240,830,000 bus. This official estimate, however, was given by the minister of agricul-ture, at a cabinet meeting yesterday, and is probably too high, his object be-ing to allay the demand for a reduc-tion of the existing duty, on the ground of impending scarcity and high prices. The probability is, how-ever, that the crop will reach 255,000-000 bus and possibly 269,100,000 bus, which is a good deal higher than was once thought, and will enable French buyers to do without any further for-eign aid until spring. Already we hear of cargoes of Australian wheat on passage, bought for French ac-count, being offered for re-sale in En-gland. This is the weakest feature in the present situation. My own opinion

the present situation. My own opinion is that the present decline has been brought about by needy farmers being forced to sell, both here and in France. The pre-vious rise having, moreover, been rather rapid, some reaction was inevit-able when re-sellers began to offer. Nothing can alter the fact, however, that the European crops this year are very deficient, and that the surplus from the producing countries is not enough to cover that deficiency with-out drawing largely upon old stocks, which is a process inevitably attended by rising prices. I look, therefore, for a recovery pretty soon, from the pres-ent depression. I estimate the world's crop of wheat this year compared with last, as follows : Estimated crop, Crop of 1888, 1887.

Estimated crop, Crop of

*	R.,	
Hungary	100,000,000	116,806,
d Portugal	172,000,000	187,000,
ia	240,000,000	272,000,
, Holland, Swed-	104,000,000	96,000,
orway and Den	36,000,000	28,060,
sia	32,000,000	35,000,
Persia, Chili, Ar-	266,400,000	232,800,
n e R e p u b lic,	40,000,000	30,000,0

435

000

141 600 000 148 000 000 Total. 1,920,000,000 2,073,200,0

Thus there has been about 153,000,000 bus less grown than last year which no sophistry can overcome. The flour market in London to-day

straights were obtainable at 24s ex-ship, and sterlings at 25s 6d. London, Sept. 17. PANIS. Pillsbury

PANIS.

THE ELEVATORS.

The Schauck warehouse at Liberty-ville, Ill., was burned Sept. 29. Loss, \$4,000; insurance, \$1,800.

John Dow, a young man at work on the new elevator at St. Charles, Minn., recently fell forty feet, but was not seriously injured.

Nels Peterson, a watchman at Du-luth elevator D, walked off the dock and was drowned at 3 a. m., Sept, 24. He was a somnambulist and was prob-ably partially asleep. He leaves a des-titute family.

The railroad elevator at Wabasha, Minn., was burned Sept. 27, in a fire which destroyed a number of other buildings. Loss on elevator and grain, \$50,000. The Wabasha roller mill was \$50,000. The Wabash damaged about \$600.

Two large frame warehouses situated on the bank of the Minnesota river at Shakopee, Minn., and formerly used for storing wheat, were burned Sept. 29, together with their miscellaneous contents. They were set on fire.

contants. They were set on fire. The propeller T. W. Palmer and con-sort, D. Vance, have been bought of the Michigan Transportation Co., De-troit, by a syndicate composed of Brown & Co., and Capt. James Mc-Kenzie, Buffalo, and Benj. Birdsall, Milwaukee, for \$100,000, the seller to repair injuries to the Palmer at a cost of \$300 of \$8,300

Chas. N. Goodsell, northwestern manager of the Minneapolis & Dakota Elevator Co., has brought suit in the district court at Fergus Falls, Minn., for \$2,000 damages against the Grand hotel of that place, to recompense him for injuries which he received last June by a fall in the passenger elevator of the hotel. Mrs. Goodsell was injured at the same time, and also sues for \$2,000 damages. \$2,000 damages.

The case of Anton Jansen vs the Milwaukee road was lately brought up in the Iowa courts, on complaint of discrimination in elevator business. The complainant had bean running an elevator for the company and had The complainant had been running an elevator for the company and had been removed because he was objec-tionable to them. He then applied for permission to erect an elevator upon their grounds. This the com-pany refused to allow and he brought the matter to the commissioners. The commissioners decide that it is a case of discrimination and hold that the common carrier is required to treat any and all parties alike. The opinion of the commission is that the company should grant the complainant the site should grant the complainant the site asked for.

"A Man of Mark Lane" says of the. English wheat crop: I still hold the opinion I formed after the wheat had eared; namely, that the yield will be found greater than many suppose, and that the quality will prove about up to the average. The reports of damage have been greatly exaggerat-ed. I have seen some new wheat of fine quality, and as a rule there has not been much to find fault with as yet on that score; but it is all tender, and in some of the samples I have seen the condition was such as to render them barely marketable. It is now certain that it can not come to market in great quantity until after Christmas because the stacks will not be thresh-able.

XUM

Inited Kingd

France ______ U. S. America.

OCTOBER 5, 1888.

se uj se si al m p

ou winsibilit par Amnas respondt w 30 wwTth woodb boor come w pdi we gideline sche awWaltipithther pwije ampbaa, thothar sarse week as the good winse so walter as the set of the good winse so walter as the good winse so walter as the set of the good winse so walter as the set of the good winse so walter as the set of the good winse so walter as the

XUM

THE KIND OF MILLS WE BUILD ALLIS SYSTEM.

Indisputable evidence of this kind, showing that the mills built by us are PERFECT IN EVERY DETAIL, results in contracts being awarded to us WITHOUT COMPETITION for such plants as the 1,000 Barrel Sumner & Stewart Mill on Staten Island, N. Y.; the 1,500 Barrel Mill for Lake of the Woods Milling Co., Keewatin, Ont., and many others.

WE WOULD REMARK:

THESE TESTIMONIALS WILL ALL BEAR THOROUGH INVESTIGATION. READ THEM, PLEASE.

Office of GALLEGO MILLS,

RICHMOND, Va., May 17, 1888. MESSRS. E. P. ALLIS & CO., Milwaukee, Wis.

436

Geutlemen : Having concluded all our experimental grindings for the purpose of testing the special guarantees embodied in your contract for building our new roller mill, we have the satisfaction of reporting to you that the tests have been satisfactory in every particular. The capacity guaranteed was 300 barrels in 24 hours, and we have easily produced 342 barrels in 24 hours, and believe the mill capable of even better work. The yield guaranteed was a barrel of flour out of four bushels and thirty pounds of wheat, and the tests have shown a yield of four bushels and twentysix and one-half pounds, No. 2 wheat. The quality of flour was guaranteed equal to that produced by any mill in this state or Maryland, and, after a most critical comparison with the leading brands of the best winter wheat mills known to us, we are fully satisfied with the superiority of our product, and, at the same time, our percentages are most gratifying. The arrangement of your machines and the general convenience and completeness of your plan and system are all that could be desired. The fact that the new roller mill was constructed within the walls of our present mill building-a buhr stone mill of 1,000 barrels daily capacitywithout displacing or disturbing a single piece of machinery in it, was not only a novel feature of mill engineering, but bears high testimony to the skill of your famous engineer and architect, The character of workmanship, permit us to add, W. D. Gray. is acknowledged to be the best ever seen in this section, and in every respect, we are most highly pleased with the faithful and thorough performance of your contract.

CHAS. L. TODD, Pres. Very truly yours,

Office of J. & C. WIPF,

IOLA, Wis., Sept. 13, 1888.

E. P. ALLIS & CO., Milwaukee, Wis. Gentlemen: The 75 barrel mill which you have just completed for us more than meets our expectations in regard to capacity and quality of output, and we do not hesitate to add our testimonial to the long list of others who have had dealings with you to their entire satisfaction. Yours, etc., J. & C. WIPF.

Office of YOUNG BROS., BLOOMFIELD, Ia., Aug. 29, 1888.

E. P. ALLIS & CO., Milwaukee, Wis.

Gentlemen : For a nice, neat, well arranged, light running 50 barrel roller mill, we think ours is hard to beat in southeastern Iowa. This is the opinion of all the millers and mill men. The machinery throughout runs smooth and easy, and does the work with apparently no effort and at a low rate of speed. As for a purifier, the Reliance is simply perfection. The separations it makes and the cloth cleaner head anything we ever saw in the purifier line, and can recommend it to every one wanting the best. We fill up the oil boxes once a week and that is all the attention it gets, and, in fact, all it needs, and it handles all the middlings we make in a 50 barrel mill, with as good a clean up as could be made. As for flour, we are making as good as can be made and are be-hind with orders. Yours truly, YOUNG BROS. hind with orders.

Office of J. H. SEAVER, ITHACA, Mich., March 10, 1888. MESSRS. EDW. P. ALLIS & CO, Milwaukee, Wis.

Gentlemen : I have been running my new round reel mill for the past ten days, and I am more than pleased with the work she is doing. The flour is good; in fact, I think cannot be beaten from the same wheat. Our bran and feed is well cleaned. I think your round reel system a perfect success. We have made good flour from the start, and have not made a single change. Yours truly, J. H. SEAVER.

Office of TOPEKA MILL & ELEVATOR CO.,

TOPEKA, Kan., Aug. 22, 1888. MESSRS. E. P. ALLIS & CO., Milwaukee, Wis. Gents: We desire to say to you that our mill is doing good work. Our flour was giving general satisfaction before we made the present change, but by taking out the old hexagonal scalping reels and replacing them with your round reels, and adding your flour dresser, we can see a marked difference in the quality of the flour made, and a better yield is given. The changes suggested will fully compensate us for the time and money expended.

TOPEKA MILL & ELEVATOR CO. Yours truly, R. G. NOEL, Pres.

Office of ALBERT LEA MILLING CO., ALBERT LEA, Minn., Sept. 13, 1888.

E. P. ALLIS & CO., Milwaukee, Wis.

Gentlemen : I have now been running my mill several days on a test, as per your contract, and I have much pleasure in saying that the mill more than fills the guarantee, both in yield and quality of flour. Have had four tests made of the flour by A. W. Howard, of Minneapolis, who reports the flour to be of the very highest standard [the samples sent Mr. Howard were the second day's grinding]. I take pleasure in recommending the Allis company to millers, as first-class millbuilders. Were I to build twenty mills, I would want all Allis mills.

R. M. TODD, Pres.

Office of JACKSON COUNTY MILLING CO., BLACK RIVER FALLS, Wis., Sept. 11, 1888. MESSRS. EDW. P. ALLIS & CO., Milwaukee.

Yours truly.

Dear Sirs: We have for the past two months or more been doing quite satisfactory work with the mill. We keep track of stock in and out, so we know about what we do. We ran on a test recently, No. 1 northern, 2,723 40-60 bushels, and made 346 barrels patent, $248\frac{1}{4}$ barrels bakers' and $27\frac{1}{4}$ barrels low grade, a total of $622\frac{1}{2}$ barrels of all grades. Our offal ran as follows: Bran and shorts, 36,491 pounds, equal to $58\frac{2}{3}$ pounds per barrel; screenings, 2,053 pounds; total, 38,544 pounds, equal to 61.9pounds per barrel. The work was done at the rate of $5\frac{3}{4}$ barrels per hour, or nearly 140 barrels per day of 24 hours. You may per hour, or nearly 140 barrels per day of 24 hours. think the percentage of patent not high, and we would say that price we get for the bakers' overcomes this point. You will note price we get for the bakers overcome our test is on uncleaned wheat. We are, Vours truly, E. A. LE CLAIR, Sec.

Yours truly, E. A. LE CLAIR, Sec. P. S.—This figures one barrel for 4 22½-60 bus wheat bought.

THE NEW SALESMAN.

H. Jay Green on the War Path for Orders.

BY HIMSELF .--- XXVI.

While in Philadelphia I saw a very novel way of advertising flour. The self-raising flour and buck wheat, put

novel way of advertaining hour. The self-raising flour and buck wheat, put up in three-pound papers, that I had seen sold in Philadelphia. Grocers and flour dealers all carry an assort-ment of the goods in stock and ap-pear to sell large quantities. The advertisement I saw was gotten up by Hecker & Co., the leading man-ulacturers of this prepared flour, and was eminently successful in attract-ing large crowds of people. It con-sisted of an exhibit of all the var'ous brands and packages made by the firm, attractively displayed, and a practical demonstration of the man-ner of preparation and serving. The plan seemed to be like this : A stall would be engaged in one of the markets on a market-day. It mattered not whether it was a butcher's stall or a huckster's stand as all the wood work, racks, and benches were tastefully cov-ered with the whitest of linen and the packages of goods arranged thereon. On the fr nt bench of the stall was the top of a highly polished griddle, about three feet long and twelve inches wide, the lower part or legs of the griddle being beneath the counter, where also were the kerosene oil stoves which supplied the heat required. There were two colored men behind the counter, arrayed in spotless white with bakers' caps on their heads. One of these men poured about two quarts of milk into a large pan, in which he broke two papers of the prepared buckwheat, stirring it the while vigor-ously. After getting the batter to the required consistency, which was as-certained by dipping a spoonful of the mixture, raising it above the pan and letting it run back, just as a house-wife tries the thickness of her soup, a portion of it was poured into a tin dish, resembling a dwarf coffee-pot with an enlarged spout, which was as-covered. He then took a griddle greaser, made from a piece of suct ied in a white cloth, the bunch of cloth at the top where it was tied form-ing the handle, and with this greaser. When it was to his liking he poured about a dozen discs of the mixture on it and set his with a dexterity that would have de-lighted any housewife. Soon the cakes were done, when they were re-moved to a clean white plate. They presented a beautiful brown surface on presented a beautiful prown sufficiency both sides and seemed fit to set before a king. The other colored cook took charge of

The other colored cook took charge of the plate of cakes, placing them one by one on squares of white paper. He then buttered each cake with butter arranged in nice lumps on the counter, sprinkled them with pulverized sugar and passed them out to the admiring spectators. Men, women and children, without regard to age, condition or color, were presented with these little cakes and all seemed to enjoy them. A lady with gloves on could accept a cake on one of the paper plates with-out fear of soiling them. A gentleman present was in charge of the orbits and while the heaking was

flour but referred inquirers to the flour but referred inquirers to the flour-stands or to the groceries. In this way the trade got some of the benefit of the advertisement. He said he had visited several county fairs at which exhibitions had been given and the increase in trade in the districts had justified the expense. He went from one market-house to another with his assistants on two the recovery from one market-house to another with his assistants, and was kept busy every Saturday during the winter season. Besides baking the buckwheat cakes, biscuits and waffles were also baked and distributed, each article being nicely buttered before presentation. After the market was over, generally about noon, the goods were all care-fully packed up and the tinware and griddles washed and made ready for the next exhibit. It struck me that this was a very

the next exhibit. It struck me that this was a very practical way of advertising. The manufacturer saw just how his money was expended, the consumer saw in a practical manner how to prepare the flour to get the best result, the gro-cers and flour dealers were interested and would direct their customers to and would diffect their customers to the exhibits, as they knew their sales would be increased by giving all pos-sible publicity to the merits of the goods, and the children would even demand that their morning delicacy should be prepared of the appetizing flour they had tasted at the market-house. The colored and white cocks flour they had tasted at the matter house. The colored and white cooks

should be prepared of the appetizing flour they had tasted at the market-house. The colored and white cooks could stop and explain how their ex-periments had turned out and be directed to better results, and the whole exhibit was calculated to con-vince one that the goods which could stand that expense must possess merit enough to demand, at least, a trial. Suppose some of the western millers try this plan at their next county fair. Biscuits could be baked and passed out to the hungry throngs, and many would think they had never tasted as fine bread as that baked from "So-and-So's" four at the county fair. They will forget that they were tired and hungry and that a nice warm biscuit, bountifully buttered, found the exact spot several hours of fasting had pre-pared for it. That is the secret of this class of advertising. A man who has just gotten up from the dinner ta-ble doesn't want a biscuit, but let him walk around for a few hours and he changes his tune, and anything in the eating line looks inviting. Just so with a woman. Miles of reading mat-ter styled "recipes for bread making" can be circulated and not a syllable of it will be read by the housewife. She knew how to bake bread before the writer of them was born. But you meet the same old lady at an exhibit of the knew how to bake bread before the writer of them was born. But you meet the same old lady at an exhibit of the character mentioned and tell her it will improve her bread to set the flour in a pan on the back of the stove for a couple of hours before mixing it and she will try it at her next baking.

Pennsylvania Millers' Association.

The eleventh annual convention of the Pennsylvania Millers' State Associ-ation will be held in the Grand Army hall at Lewisburg, beginning Tuesday, at 4 p m., Oc[.] 9, and lasting two days. In his announcement of the convention Secretary Levan says : "We expect to have a good meeting, and all members, as well as millers who are not mem-bers, are earnestly requested to at-tend."

tend." The order of exercises for the after-noon session on Oct. 9 will be : Ad-dress by the president. Roll call. Reading of the minutes of the last meeting. The secretary's report. En-rollment of new members. Adjourn-mont ment.

ment. For the evening session: Report of the executive committee. Address by P. D. Handwork, of Parkesburg. Pa.; subject, "National, State and Local Organizations." General discussion. Agentleman present was in charge of the exhibit and, while the baking was going on, he explained to the throng the advantages of using the self-rasing buckwheat. It seemed to me while I was looking on a thousand persons must have passed, each receiving a cake and expressing satisfaction. The gentleman in charge, Mr. Jennison, told me his firm had long been addithough advertising largely in other ways, found this one to be the most successful in getting immediate results. He did not sell the packages of

Simpson, secretary of the Pennsylva-nia Millers' Insurance Co. Report of committee on machinery and pro-cessess. Unfinished business. Report of committee on grain for milling. Report of committee on grading and inspection. Report of committee on entertainment. New business. Final adjournment.

adjournment. After adjournment on Wednesday an excursion will be made to Eagle's Mere, a romantic and picturesque spot, for which special rates have been made to millers, putting the whole cost of the trip at the low rate of \$3.50, which includes car fare and a day's board at the Hotel Eagle's Mere.

Buffalo's First Elevators and Mills.

In the recent souvenir issue of the uffalo Express, we find the following Buffalo Express, we find the following in reference to Buffalo's early elevator

In the recent souvenir issue of the Buffalo Ezpress, we find the following in reference to Buffalo's early elevator and milling history. The first attempt at building a grain elevator in the vicinity of Buffalo was made by the Hon. Lewis F. Allen and a Mr. Lord. It was built at Black Rock in 1840, and run by water-power, It had two marine legs, one of which was on the river side and the other in the harbor. It was a failure. Previous to 1841 men's backs were the only ele-vators. The receipts of grain in 1841 were 2,000,000 bus, and it was handled by slow and laborious methods, being lifted from the holds of vessels in bar-rels with a tackle, weighed with a hop-per and scales swung over the hatch-ways of the craft, and then carried into the warehouses on the shoulders of men. Only from 10 to 15 bus were thus weighed at once, and a day's work, with a full complement of hands, did not exceed 2,000 bus. To Joseph Dart is due the honor of erecting the first steam storage and transfer elevator in the world. In the face of numerous obstacles and pre-dictions of failure, he began an eleva-tor building in the fall of 1842 on the bank of Buffalo river, at its junction with the Evans ship canal, where the Bennett elevator now stands. The elevator was a success from the start, and Mr. Dart was often offered double his regular rates for accommodation in an emergency. In proof of the saving

bennett elevator now stants. Ine elevator was a success from the start, and Mr. Dart was often offered double his regular rates for accommodation in an emergency. In proof of the saving of time, it is said that the schooner John B. Skinner, loaded with 4,000 bus of wheat, came into port early one afternoon, soon after the elevator was put in operation, was discharged, and received ballast of salt, leaving the same evening; she made her trip to Milan, O., brought down a second cargo, and discharged it, and on her return to Milan went out in company with vessels which came in with her on her first trip, and which had just succeeded in getting their cargoes un-loaded by the old back-aching methods. The Dart elevator compared with some of the mammoth structures of to-day, was a very small aftar, its ca-pacity being only 55,000 bus. The first vessel unloaded at Mr. Dart's elevator was the schooner Philadelphia, laden with 4,515 bus of wheat. The first cargo of corn unloaded was from the schooner South America, 3,145 bus, June 22, 1843. Dart's elevator un-loaded during the first year of its ex-istence 229,260 bus of grain, while the amount of grain and flax-seed handled by the Western Elevating Co. in 1:87 was 85,015,957 bus. Buffalo's present elevator capacity is 13,915,000 bus, ex-clusive of 65,000 bus in transfers, and she has also five floating elevators. Charles W. Evans is the oldest surviv-ing elevator owner in Buffalo, having begun business May 1, 1847.

Charles W. Evans is the oldest surviv-ing elevator owner in Buffalo, having begun business May 1, 1847. Regarding Chas. A. Bloomer, presi-dent of the Western Elevating Co., but who was for many years promi-nently identified with the mills of Rechester, the Express swa:

tions, Stephen Whitney, of New York, became virtually the owner of a chain of flouring mills located at Oswego, Macedon, Rochester and Black Rock, Mr. Bloomer was placed in charge of the property, to operate, lease, or sell, at his discretion. While holding this trust he rebuilt the Frontier mill at Black Rock. In 1856 he became one of the lessees of the Exchange mill in Rochester, and continued to operate it until 1862, when he came to Buffalo to take charge of the construction of the Exchange ele-vator, which was built in that year by William Rankin, Alfred Ely, and Ash-ley Hall. After passing through vari-ous hards, in 1881 this elevator be-came the property of Greene & Bloom-er. In 1895 Mr. Bloomer was chosen president of the Western Elevating Co., which office he still retains. In the course of the number a descrip-tion is given of the Wilkeson eleva-tor, which, though a modern instead of an ancient institution, may be includ-ed here. The writer says: The addi-tion to the Wilkeson elevator is now about done. This elevator is built upon a new plan, the invention of Robert Dunbar of this city, the veteran elevator architect and engineer, who has made application for letters pat-

Robert Dunbar of this city, the veteran elevator architect and engineer, who has made application for letters pat-ent upon his improvement. Mr. Dun-bar has made the plans and furnished the machinery for seven-eighths of our elevators. All the bins in this house are so arranged as to discharge their contents by gravity upon a single con-veyor, which simplifies and cheapens the handling of grain to a marked de-gree. This house is arranged so as to do marine, car, boat and wagon busi-ness, the marine leg being capable of ness, the marine leg being capable of unloading about 15,000 bus per hour, which is weighed, stored and cared for. All the work of unloading and loading All the work of unloading and loading cars, boats and wagons can go on at the same time. The addition equips the elevator with two marine legs, so that two hatches of a vessel can be operated upon at once when the legs come op-posite to them. The completion of the new "greyhound" freight carriers of the lake fleet, whose enormous car-rying capacity has added so materially to this class of traffic, induced Mr. Wilkeson to be among the first to rec-ognize the fact that the demand for rapid handling of grain must be met. Trapid handling of grain must be met. His elevator now has 450,000 bus capacity to which, it is said, he thinks of adding somewhat.

pacity to which, it is said, he thinks of adding somewhat. The early history of Buffalo as a mill-ing point is thus touched upon: The sharp-sighted millers were quick to see Buffalo's advantages when the Erie canal was opened in 1826. S. W. How-ell at once built the Erie mill at Black Rock, for Kingman & Durphy. This was the first of Buffalo's large mills. The building, with many additions and a good deal altered, still stands, being now known as the Marine mill. Mill-wright Howell soon went into the mill-ing business himself, building the Ni-agara mill at the foot of Amherst street. These mills together with the Globe mill, built on the other side of Amherst street a few years later, were burned and never rebuilt. The first steam mill in Buffalo was built by Mr. Bugbee about 30 years ago, where the

Steam mill in Buffalo was built by Mr. Bugbee about 30 years ago, where the City elevator now stands. The remaining account of the Buf-falo mills is substantially identical with that in our last Holiday is-sue, from which it was undoubtedly taken. Mr. Brown, who prepared this article for the *Express*, makes the usual error in endeavoring to add to Buffalo's milling glory, of un-derestimating the milling capacity of other points. For instance, Minneap-olis is credited with 30,000 bbls which she has capacity to make, while St. Louis is given 10,000 instead of the 12,000 to 14,000 to which she is entitled.

Heavy forgeries have been discov-ered in the New York produce ex-change finances, in connection with the guaranty fund, the loss being esti-mated at \$160,000. The guilty party is supposed to be Wm. R. Foster, Jr., an official previous'y of high standing in business circles. His method in the theft was to draw cash and turn in forged mortgages. The total fund amounted to over \$1,100,000.

OCTOBER 5. 1888





In sympathy with higher wheat, flour values advanced sharply during the week and a comparison of this week's figures with last week's shows a gain of 20c all around. Trading, withal was dull, as supplies were scarce and in many cases holders withdrew their offerings altogether, not knowing where the advance would stop, or

winai was uni, as supplies were scarce and in many cases holders withdrew their offerings altogether, not knowing where the advance would stop, or asked a figure far above the market. Patents have become quite scarce and low grades were also hard to get. Ex-tra fancy was offered most freely but likewise in limited quantities. Demand was generally local and southern, the latter, however, dimin-iahing during the middle of the week when quarantine regulations were established at southern points. The movement was light, receipts and ahip-ments both being smaller. The market closed strong, with operators far apart in their views. To-day's quotations were : Patents, \$4.90(@5.10; extra fan-cy, \$4.70(@4.80; fancy, 4.35(@4.45. The operative week opened with in-dications that the output would have to be cut down on account of the impediments to shipments and the decrease in orders due to the yellow fever scare in the south. For two days the situation was critical and ev-erything was at a standstill, but the scare having subsided the railroads withdrew their embargoes and the movement was renewed. Orders, how-ever, were restricted by wheat values, which jumped up too quickly to stay and savor much of a sharp reaction, although several large buyers, it is sa'd, placed orders for round lots. Trade, therefore, is feverish and it is not known which way the wind will blow next week. The output holds out at good fig-

not known which way the wind will blow next week. The output holds out at good fig-ures no retirements having occurred. The total for the week was 75,000 bbls, distributed as follows:

Mill. daily of	tran
	1,60
*PlanetJ. B. M. Kehlor	1,00
Anchor Kauffman Milling Co	1.00
Victoria Mill Co	
	80
Eagle Steam E. O. Stanard Milling Co	90
*PresidentKauffman Milling Co	55
Regina Regina Flour Mill Co	50
*Alton CityE. O. Stanard Milling Co	1,00
JeffersonSessinghaus Milling Co	50
Saxony E. W. Leonhardt & Co	40
LacledeKehlor Bros	
*Edwardsville _Kehlor Bros	80
Kehlor	90
*Crown Roller_Crown Milling Co	65
Camp Spring_Camp Spring Milling Co	75
St. George Kalbfleisch Milling Co	20
Meramec	
Herallice	25
Hezel Milling Co.	70
United States E. Goddard & Sons F. M. Co	60
*Valley Teidemann & Co	20
CarondeletCarondelet Milling Co	20
-	

Total daily o Output preceding week Owned by St. Louis parties, but located side the city.

The Regina will start up on full time Monday morning.

Meyer & Bulte expect to return to their old quarters in about six weeks.

The St. George mill, finding trade getting quiet has slowed down to 12 hours' time.

Miller Hackman, of St. Charles, Mo., was, in the city Saturday, watching wheat go up to \$1.65.

Millers Pegram, of Carrollton, and Carroll, of Clarksville, registered on 'change Wednesday.

The Kehlor Milling Co. is having a 100,000 bu elevator built near its Plan-et mill at Litchfield, Ill.

Head Miller Jordan spent the week in the city, looking after some ma-chinery for his new mill.

its wheat receipts are light, owing to the farmers in its vicinity being busy planting.

The Jefferson has increased its out-put to 500 bbls, in order to keep up with its increasing trade.

The Hinckley mill with warehouses and other belongings, at Belleville, Ill., was sold a few days since for \$15,-000 on foreclosure of a mortgage.

Roger P. Annan, of Annan, Burg & Co., electrified his friends on 'change during the week by a suit, which, for its oddity of fit, has become famous.

Henry Stanley, of the Todds & Stan-ley Mill Furnishing Co., has been in Nebraska the past two weeks, looking over the field and enjoying a short

rest. Wm. T. Porter, of Wilmington, Del., president of the St. Louis Roller Re-pair Co., was on the floor Tuesday. The directors of this company held a meeting in their office Wednesday and, after lengthy deliberation, con-cluded to retire from business. They have instructed their secretary, Tom Miller, Jr., to offer the entire plant for sale and are ready to receive bids for same. anno

J. B. M. Kehlor, of the Kehlor Mill-ing Co., who was injured in the cable car collision, about three weeks ago, has almost entirely recovered from his has almost entirely recovered from his injuries and was on 'change during the week. Mr. Kehlor was caught short of a good deal of wheat in the Ohicago September corner, but saved himself by sending out wheat held by him here, on a special train run at passenger speed.

passenger speed. Messrs. Witt Massengale, late travel-ing salesman, and "Tom" Oberschell, in charge of the belting department of the Todds & Stanley Mill Furnishing Co., are about to embark in the mill-ing business at Fayetteville, Ark., where a fine 100 bbl mill with a 50 bbl cornmeal annex is being built for them. The reputation of these gentle-men for energy and push bespeaks for them a most successful future and lucrative trade.

MARISSA, ILL.

W. S. Jordan has returned from In-diana and will begin work on his mill at once.

A. J. Meek, of the Marissa roller mill, returned home on Sunday from the south, after a long, roundabout trip to avoid quarantine regulations.

Wheat receipts are gotting very light as farmers are busy doing their fall seeding. The ground is in excellent condition for planting, and it is proba-ble that the acreage will be much larg-er than last year.

During the early part of the week the probability of a general shut-down of our mills was very strong, owing to the embargo placed on shipments by the railroads, in furtherance of yellow fever quarantine regulations at south-ern points. E. E. CARRERAS. St. Louis, Sept. 29.

LA CROSSE.

cial Corresp [8]

[Special Correspondence.] The fearful jumps in the wheat mar-ket of the past week have given "the millers enough to think about, and caused the mills to be pushed for all they could do. Freeman's has lost no time, even on short stops, and its out-put has been above 1,000 bbls per day. The Listman has run irregularly, partly from the new machinery requiring at-tention, but more especially because the men have not yet become accus-tomed to the general rearrangement. chinery for his new mill. Washington Todd, vice president of the Todds & Stanley Mill Furnishing Co., returned from Branford, Ky., Monday. The Crown Roller mill at Belleville continues running full time, though

a short run to above 1,200 bbls, and Head Miller Lang says it will do 1,100 bbls easily, day in and day oat. Orders are pouring in by telegraph and mail, much faster than they can be filled; consumers who watch the market are laying in a supply. Sales were made in Boston Saturday at \$6.50 and in New York at \$6.45. The local wholesale quotation is \$5.80 for patent and \$5.60 for straight. The de-mand right at the mill door is active. Our millers have no back orders to fill for export. They are picking up a for export. They are picking up a good deal of fine hard wheat in cen-tral Dakota and do not fear any lack

for export. They are picking up a good deal of fine hard wheat in cen-tral Dakota and do not fear any lack of supply. The coopers have been as busy as the mills. Mueller's shop was running all the week and Doud & Son's all but a day and a half. Mr. Heydon, super-intendent of the latter, has been using elm stock some lately, and is pleased with it on account of the tight barrel which the softer wood makes. Nearly all of the stock comes from Doud's two mills in Wood county—one at Pittaville and one at Rudolph—where the red oak forests are good for almost any demand for years to come. Mueller also gets his stock from Ru-dolph. Prices are unchanged. Doud's men brag some of possessing among them the champion cooper of these parts. Ed. Gates is the man. He does not think it much of a trick to hoop 'er up at the rate of 80 barrels a day; this isn't for a single day's work, either, for, he has a record of 471 in one week and raises 400 every time he puts in a full week. Ed. is a little man in inches, but a giant for work and is going to beat the Minneapolis man's record of five hundred and something, one of these days. Mr. Mueller, in connection with A. Hirishheimer, the plow maker, and others, has invented a series of ma-chines for making tight cooperage, but applicable to every kind of work. Everything is machine work from the log to the complete package The bender not only shapes the staves lengthwise but crosswise and experi-ments with beer kegs—the most diffi-cult cooperage—have proven the suc-cess of the machinery. A keg was set up last week, the hoops driven on, and on being filled with water, it did not leak a drop. Seven patents cover the various machines and if they don't make friend Mueller rich, everybody will be disappointed. BADGER. La Crosse, Wis., Oct. 1.

Old Hutch.

Old Hutch. An exchange has this to say of the hero of the great corner in wheat: B. P. Hutchinson—"Old Hutch"— who has been flying the Chicago wheat market for a kite during the past week, has been a prominent figure on the board of trade for the last twenty-five or thirty years. Formerly he operated in hogs and corn, and it is only a few years since that he took to the wheat pit. He is a sixfooter, large framed and rather ungainly—one of those men whose clothes never seem to fit them, and who do not go much on style. He is a typical Yankee, shrewd, bluff and unconventional. Although he lives, and finds his greatest enjoyment and profit in the midst of the speculative excitement of the Chicago board, and and must his greatest enjoyment and profit in the midst of the speculative excitement of the Chicago board, and always carries on his business at high pressure, he is nevertheless very me-thodical in his business habits. For instance, a few years ago while "Old Hutch" was having a brick block put up in Chicago, it is said he went to the place regularly every day, and with his long legs climbed all over the un-finished building, watching the prog-ress of the work and giving directions with respect to all the details. He has a son, C. L. Hutchinson, president of the Chicago board of trade, who is a chip of the old block—one of the brightest and shrewdest of the young business men of Chicago. The old man likes to talk on the sub-

business men of Chicago. The old man likes to talk on the sub-

PHILADELPHIA

[Special Correspondence.] The upward movement in flour still continues, prices during the past week having further advanced 25@30c on winters and, fully 50c per bbl on springs. Demand for the latter has springs.

ł	Western winter supers.	8.35@8.60	
1	Western winter extras	3.60@3.80	
l	Western winter No. 2 family		
ĺ	Ohio and Illinois clear		
1	Ohio and Illinois straight		
ł	Indiana clear		
l	Indiana straight		
l	Western winter patent		
l	Minnesota clear		
	Minnesota straight		
	Minmonata natant	0 0000 0 50	

ing to a fair extent, but not in excess of current wants, owing to the high value placed on fancy grades of wheat. Receipts are light, as prices all over the west are above a parity with those at the seaboard. Cash wheat is worth \$1.01 for No. 2 red; \$1.05 for No. 2 Delaware red, and \$1.06 for No. 1 Pennsylvania red. Exports for the week were 68,900 bus; total since Jan. 1, 956,566 bus, against 8,030,903 bus for the same time last year. Stock, 435,464 bus. bna

bus. Samuel J. Clevenger, grain merchant, is spending a few days at Atlantic City. L. W. Campbell, of the well known milling firm of Crocker, Fisk & Co., of Minneapolis, was on change this week. Work is being rapidly pushed on the new mill being built by the Millbourne company.

company. James B. Canby will return from the sea shore to his city residence next

The Market Street mill is filling sev al large export orders. Philadelphia, Sept. 29. QUAKER

The St. Louis Repair Co., has de-cided to go out of business at St. Louis, and will close out at private sale all of its roll repairing machinery. Bids for the plant in its entirety will be re-ceived up to Oct. 25, and if not sold by that time, it will be offered in par-cels. This company was a branch of the J. Morton Poole Co., of Wilmington Del, and its discontinuance was de-cided upon with a view to concentrat-ing the business of the parent house at Wilmington. This will doubtless be a favorable opportunity for millfurnish-ers to secure excellent machinery at low cost. The advertisement of the company appears elsewhere.

In another place in this issue an ad-vertiser with \$20,000, seeks some one with an equal amount or less to join him in building amill. The subscriber to this advertisement has, we know, the requisite sum and is a perfectly re-liable man who means what he says.

OCTOBER 5, 1888.



MANITOBA AND NORTHWEST.

The weather of late has been favor-able for harvesting and threshing and new wheat is beginning to come in in a limited way at most railroad points, where it brings all the way from 70 to 95c, according to condition and dis-tance from the receiving centers. About half the crop is regarded as be-ing very good, the rest having been damaged by frost or blight, from 50 per cent down. How much is badly injured and how much only a little no one can tell yet. tell yet. The movement of the crop in Winni-

The movement of the crop in Winnipeg is still small, though some grain has arrived from the earlier districts which has been generally good. During the past week offers have been made of 94c for No. 1 hard on track and 95c on street, but prices yet are hardly fixed. In Montreal on Sept. 26 the market was firm, with No. 1 Manitoba selling at \$1.32(@1.35; No. 2, \$1.30: No. 1 northern, \$1.28(@1.29) In Toronto fall wheat, No. 2, brought \$1.03(@1.06; spring No. 2, \$1(@1.01; red winter No. 2, \$1.03(@1.07.)] The trade in flour at Winnipeg has been quiet with a rather unsteady feeling. Prices, Sept. 25, were unchanged, at \$2.70 for patents; \$2.50 for strong bakers'; \$1.90 for XXXX, and \$1.50 for superfine. The demand for mill-stuffs is above the supply, and prices have held firm at \$12 for bran and \$15 for shorts. Oatmeal is dull, but with values steady at \$2.50 for standard; \$2.65 for granulated; \$3 for rolled. In Montreal flour has been steady with strong bakers' selling at \$5.20(@5.30. Toronto prices were \$4.30(@4.40 for extra.)]

Toronto prices were \$4.30@4.40 for ex-tra. A general meeting of the grain and produce exchange of Winnipeg was held Sept. 26, to hear the report of Messrs. Bell and Mitchell, who have lately visited Duluth and Minneapolis in the interest of the proposed Winni-peg call board. These gentlemen re-ported a very satisfactory trip and gave in detail a large amount of infor-mation secured by them respecting the elevator methods of the cities vis-ited and the Minnesota system of weighing and inspection, which they regard as very complete. In relation to the project of shipping Manitoba wheat in bond to Duluth they say: "From what we could learn there will be no difficulty in shipping in bond via "From what we could learn there will be no difficulty in shipping in bond via Duluth, it being the intention there to have separate bonded bins for Mani-toba grain if shipped, and the opinion of the exchange members was that grain so held in elevators might be bought and sold on 'change on an ex-port here." bought and sold on 'change on an ex-port basis. The question was fre-quently asked us as to whether Mani-toba grain would be kept according to Manitoba grades or if it would be regraded there by the Duluth inspector on the Minnesota standards. On this point we held no opinions, presuming that the owner would take advantage of whichever inspection would enable him to sell for the best prices." In receiving the report a vote of

him to sell for the best prices." In receiving the report, a vote of thanks was tendered by the exchange for the corresies shown to its delegates by the state inspectors, the officials of the boards of trade in the cities visited and the Northern Pacific road. Sever al new members were added to the ex-change at this meeting, and the total is now 82, the entrance fee being \$50. Provision was made for the require-ments of the call board, and a commit-tee was appointed to wait on the board of trade and the Canadian Pa-cific railroad in reference to some pro-posed changes in the method of grad-

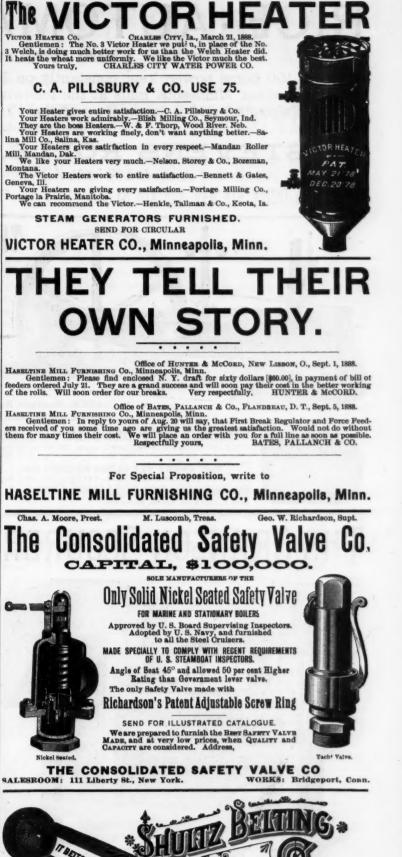
board of trade and the Canadian Pa-cific railroad in reference to some pro-ting and weighing into elevators. A meeting of the standing grain committee of the Winnipeg board of trade was held Sept 27, to select sam-ples for the use of the Dominion board of grain and flour examiners in fixing standards for this season's crop. The session was expected to last nearly two days, and after it was finished Friday three delegates were to go to To-ronto with the samples and attend the stately of making some move to devel-op the water power of the Assinni-boine, with a view to mills and man-ufactures at Winnipeg, and a meeting was held lately to consider the matter,

though with but small attendance. The idea seemed to meet with favor among most of those present, and it is probable the question may be more actively agitated in the future. It is proposed to bring the water supply from Lake Manitoba and the Saskatch-ewan river by canal, and the estimate is made that power mirbt be supplied is made that power might be supplied for $1\frac{1}{2}$ to 2c per horsepower per day, as against 35 to 40c at present paid for

is made that power might be supplied for 1½ to 2c per horsepower per day, as against 35 to 40c at present paid for steam power. The mills of Manitoba are beginning to start up gradually and it is said that the Lake of the Woods Milling Co., at Keewatin, Ont., will join the ranks in a few days. Geo. Barrett, who has been head miller at the Shoal Lake mill, is about to go to Moorhead in the same capacity. The Enderby mill at Victoria, B. C., which lately assigned, has been sold to 'Welch, Rithet & Co., of Victoria, who propose to operate it steadily. The people at West Lynne, at the southern end of the Red River Valley road, are disposed to complain because the mill at that place, owned by the Hudson Bay Co., has not been run in two years, except a few days last winter. As there is no mill at all east of the place, none north nearer than Winnipeg or west nearer than Morden, while the national boundary is on the bouth, they think the opening is good, and that the Hudson Bay Co. ought to run the mill or sell it to some one who will. It is stated that the mill dam at Rapid City burst last week, but the damage was quickly repaired. The Harrison 25,000 bu elevator at Killarney will be done, probably, early next month, as the material for it is now being hauled on the ground. McMillan Brothers will begin work at once on their new house at Indian Head. Morden will soon have two additional ones, as the Keewatin Milling Co. and McMillan Brothers will begin work at bonding privileges would be al-lowed the road in view of its entrance very soon into Winnipeg. The minis-ter of customs stated that it would have the same privileges as other rail-ways, upon furnishing the usual \$80,-000 bond. He also consented to sta-

ter of customs stated that it would have the same privileges as other rail-ways, upon furnishing the usual \$80,-000 bond. He also consented to sta-tion an officer at Duluth to see to the transfer of grain from the cars to the vessels, provided the company paid the expense attendant upon the appointment.

appointment. The following cheerful narrative hailing from Plymouth, Mass., under date Sept. 21, may be taken for what it is worth: A most inter-eating experiment culminated to-day in the milling of some wheat grown from seeds as old as Exodus. The experimenter is David Drew, who last year received from a friend in Alexandria, Egypt, some grains of wheat taken from a mummy exhumed near the ruins of Memphis, and be-longing, it is believed, to the period of the ninth dynasty, which would make it grown about 3,000 B. C., or nearly 5,000 years old. He planted the seed early in the spring and carefully nursed it. It grew rapidly, and at the time of cutting measured six and a half to seven feet high. The leaves alternate on the stalk like common wheat, but the product of the plant is the most singular part of it, for, in-stead of growing in an ear like modern corn, there is a heavy cluster of small twigs in place of the spindle, which hangs downward from its weight, and each twig is thickly studded with ker-nels, each of which is in a separate husk. From what is threshed a larger crop will be grown next year.



T BETS THE EARTH AND WAKES THE MOON SPIN LIKE A TOP. MANUFACTURERS OF COPYRIGHTED Our BELTING is tanned on the surfaces only; the

INTERIOR is RAW HIDE.

Send for Our Valuable Book for Engineers and Belt Users. Fre Agents in all Oities. Send for Trial Belt. Address, SHULTZ BELTING COMPANY, ST. LOUIS, MO. 442

THE WEEKLY NORTHWESTERN MILLER.

OCTOBER 5, 1888.



OCTOBER 5, 1888.

THE WEEKLY NORTHWESTERN MILLER.

N THE SWIM KEEP BY USIN THE RICHMOND **Grain Cleaning Machinery Bran Dusters** TESTIMONIAL LIGONIER ROLLER MILLS, LIGONIER, Ind., May 11, 1888. RICHMOND MANUFACTURING CO., Lockport, N. Y. Gentlemen : It is now nearly one year since we started our new mill at this place, and we thought it might possibly interest you to know how the line of Richmond Wheat Cleaners and Bran Dustors sold us by your Mr. Trudgeon, are working. We have one No. 4 Receiving and Elevating Separator; one No. 2 Grain Cleaner and Separator; two No. 6 Upright Adjustable Scourers and Polishers; two No. 4 Empire Horizontal Bran Dusters; two No. 5 Empire Horizontal Bran Dusters. Each and every machine is doing its whole duty, in the most satisfactory manner, and we could not ask for anything better, in their respective places. Wishing you continued success We are, yours truly, LIGONIER MILLING CO. W. F. STEELE, Head Miller. Richmond Manufacturing Co. LOCKPORT, N. Y., U. d Upright Adjustab e Scourer and Polisher

FOR SALE!

. . ___

- . . .

The St. Louis Roller Repair Co. having decided to discontinue the business of Repairing Rolls, will sell at a reasonable price at private sale their whole plant as it now is in successful operation at the southeast corner Walnut and Twenty-First streets, Saint Louis, Mo., up to the 25th day of October, 1888. If not sold complete by the above date, it will be held for sale in part, or any part of the tools, at private sale, until the 26th day of November, 1888. After the latter date, if any part of the tools and fixtures remain unsold, they will be advertised at public sale. Descriptive circulars can be obtained upon application to

TOM MILLER, JR., Secretary, No. 503 Chamber of Commerce, ST. LOUIS, MO.



Perhaps the highest compliment that could be paid e "Salem" Bucket is the fact that during the past few ars ITS SHAFE HAS BEEN SO CLOSELY IMITATED by her manufacturers as to infringe our patented rights, it experience reveals THE INFERFECTIONS OF IMITA-NOS, and we therefore take it as a FURTHER COMPLI-EXT to the "SALEM" bucket that some of its old throns who were INDUCED TO THY THE INITATIONS VIE NOW RETURNED TO THE "SALEM" BUCKET, THERE-ACHNOWLEDIGHT IT O BE THE MOST SATESACTORY. On't be deceived by other makes of buckets that are almost to be "just as good." Insist upon having the low far ALEMARE "SALEM" Bucket. All legitimate

443



25 to 1,000 H. P. These engines are the combined results of long xperience with automatic cut-off regulation and most careful revision of all details. They are lesigned and constructed for heavy and continous duty at medium or high rotative speeds. Eighest attainable economy in steam consumption and superior regulation guaranteed. Selfcontained Antomatic Cut-off Engines, 12 to 100 pp, for driving dynamo machines, a systematry functrated circulars, with various data as to practical steam engine construction and perborance of the provide Addrese

BUCKEYE ENGINE CO., Salem, O. BUCKEYE ENGINE CO., Salem, O. B. AGENTS : W. L. Simpson, No. 18 Cortlandt St., 301 Telephone Building, New York : N. W. nson, No. 154 Washington Street, Chicago, Ill.; Bobinson & Cary, St. Paul, Minn.; G. S. Wormen ns, St. Louis, Mo.





XUM

THE WEEKLY NORTHWESTERN MILLER. OCTOBER 5, 1888. THE DUNLAP BOLT Of these Bolts Sold to Sumner & Stewart for their New 1,500 Barrel Mill on Staten Island. Millers visiting the Cincinnati Centennial Exposition will have every chance to investigate THE DUNLAP BOLT. Ship us a barrel of the stock you wish to try on the machine and we will have it at the "Expo." and let you run it through the machine or watch us do it. The Bradford Mill Co., Cincinnati, Ohio. Machine Molded Gears IMPROVED GEARS FROM THE PRAY PATTERNS. ROLLER MILLS ALL WOOD AND IRON GEARS DRESSED BY MACHINE. EVERY FLOUR Machine Molded ΰ PULLEYS. DESCRIPTION Shafting. SAINT LOUIS, MO., Couplings, SUPPI Office No 917 N.2nd St. Hangers, Plans sEstimates furnished, Boxes. Expert sent, when requisite, Perforated Zinc. Errespondence Solicited. ROLL CORRUGATING AND GRINDING ROLLS RE-GROUND RE-CORRUGATED. FOR SALE. Four double sets 9x18 Allis Rolls. Frames secondhand, rolls new. A bargain. Gradual Reduction Milling," W. H. GETCHELL & CO. BY LOUIS H. GIBSON, Author of "Rough h Reduction Milling" is a handsomely printed book of 429 pages, divided into six dis-ix "The History and Development of Gradual Reduction Milling," "A Journey Mill," "A Hundred Barrel Mill," "A Seventy Barrel Mill," "A Fifty Barrel Mill," "A Mill," "A Hundred Barrel Mill," "A Seventy Barrel Mill," "A Fifty Barrel Mill," "A Seventy Barrel Mill, " "A Seventy Barrel Mill," "A Seventy Barrel Mill, " "A Seventy Barrel Mill," "A Seventy Barrel Mill, " "A Seventy Barrel Mill, " "A Seventy Barrel Mill," "A Seventy Barrel Mill, " "A Seventy Barrel Mill," "A Seventy Barrel Mill, " "A Seventy Barrel Mill," "A Seventy Barrel Mill, " "A Seventy Barrel Mill," "A Seventy Barrel Mill, " "A Seventy Barrel Mill," "A Seventy Barrel Mill, " "A Seventy Barrel Mill, " "A Seventy Barrel Mill, " "A Seventy Barrel Mill," "A Seventy Barrel Mill, " "A Seventy Barrel

446

OCTORER 5, 1888.

MILL MACHINERY MANUFACTORY ESTABLISHED 1851.

Complete large or small roller mills, with power included, furnished in one contract and price, using our automatic feeding roller mills and new style round reel flour dressers, and making a compact and easily set up outfit.



Δ

0

OCTOBER 5, 1888.

THE WEEKLY NORTHWESTERN MILLER.

AFTER TWO YEARS' TRIAL.

Edinburg, Ind., August 18, 1888. Messrs. Barnard & Leas Mfg. Co., Moline, Ill. Gents: You built us a good two break mill two years ago. We have not changed the flow in any particular and we still have a GOOD mill. Yours truly, O. FURNAS & SONS, Per H. E. Furnas.

BARNARD & LEAS MFG. CO., MOLINE, ILL.

THE VICTOR TURBINI

Possesses more than double the capacity of other water wheels of same diameter and has produced the best results on record, as shown in the following tests at Holyoke Testing Flume:

Size Wheel.	Head in Ft.	Н. Р.	Per Cent Useful Effec
15-inch,	18.06	30.17	.8932
17½ in.	17.96	36.35	.8930
20-inch,	18.21	49.00	,8532
25-inch,	17.90	68.62	.8534
30-inch,	11.65	52.54	.8676
25-inch,	17.90	68.62	.853

With Proportionately High Efficiency at Part Gate.

447

Such results, together with its nicely working gate, and simple, strong and durable construction, should favorably commend it to the attention of ALL discriminating purchasers. These wheels are of very Superior Workmanship and Finish, and of the Best Material. We also continue to manufacture and sell at very low prices

The Eclipse Double Turbine,

SO LONG AND FAVORABLY KNOWN. State your requirements and send for catalogue to

STILWELL & BIERCE MFG. COMPANY, Dayton, Ohio, U. S. A.



HAS MAINTAINED ITS SUPERIORITY ABOVE ALL OTHER BRANDS FOR OVER HALF A CENTURY.

BE SURE YOU GET THE GENUINE R. P. CHARLES, Sole Importer, 15 S. William St., New York.

RICHMOND CITY MILL WORKS

Manufacturers of the MAWHOOD ROLLER MILL and a full line of <u>MODERN MILLING MACHINERY</u>. Write for description of our NEW and IMPROVED REELS, the best yet introduced.

Rolls Re-Ground # Re-Corrugated.

448

OCTOBER 5, 1888.

81

Or

C.

All

Va

Te

Ste

Pa

F.

Ott

Pa

Ga

Ca

Hui

Ba

Col

Gre

Gal

His

4.1

Pili

XUM



MANUFACTURERS OF THE CELEBRATED

Jonathan Mills Universal Flour Dresser.

THE BEST BOLTING MACHINE IN THE WORLD.

MORE THAN FIFTEEN HUNDRED NOW IN USE

Our revised price list and other information furnished on application.

BOLTING CLOTH · We carry a full line of Heidegger & Co.'s celebrated Crown Silk Anchor Bolting Cloths and Brit Gauzes. These cloths are famous the world over for their great strength and evenness of count. Also, Superior Wire Scalping Cloths.

Correspondence Solicited, Give Us a Trial Order.

CLEVELAND, OHIO, U.S.A.



DAKOTA.

North Dakota Roller Mills, Hillsboro.—Patent: Purity. Straight: Snow Ball. Bakers': Royal Flush.

Russell & Miller Milling Co. Valley City, Jamestown and Bismarck. ents: Occident, Climax, Electric Light. Bakers': Gold Belt, Elixir. -Pat-

ILLINOIS.

- Sporks Milling Co. Alton.—Patent: Orystal. Straights: Armadale, "O. A." Queen. Clears: Vendome, Daisy. Family: Belle. Low Grade: Piasa. Export Brands: Orystal, Electric Light, Armadale.
- Taylor Bros. & Co. Quincy.—Patent: Golden Fleece. Straights: Taylor's Straight, Orown Jewel. Low Grade: Silver Spray.
- Wilcox & Hyde, Joliet.—Leading Patents: Diamond Orown, Boquet. Straight: High Loaf. INDIANA.

ScDaniel Bros. Franklin.-Perfection, Faultless, Extra. The Goshen Milling Co. Goshen.—Patents: Our Best, No. 1 Patent, Elkhart Straights: Never Fail, Tip Top, Cook's Delight, Goshen's Choice. Low Grades: First Chance, Goshen Extra.

- Bienton, Watson & Ge. Indianapolis.— Patents: Princees, Crown Jewel. Straights: Diana, Queen Bess. Export: Hero, Darling. Bish Milling Co. Seymour.—Patents: Copyright, "G. T. S." Straights. Success, Indiana. Family: Atlanta, Monogram.

KANSAS.

- Newton Milling and Elevator Co. Newton.—Patents: Newton, Kansas, O. K., Extra, White Fawn. Straights: Niagara, Protector. Low Grades: Belle of Newton, Economy.
- Salina Mill and Elevator Go. Salina.—Patents: High Peacock, Patent Gold-en Belt. Family: IXL Peerless.
- Gresby Relier Milling Co. Topeka.—Patents: Orosby's Best, Orosby's AAA. Straights: Orosby's No. 1, Orosby's AA. Bakere': Orosby's Diamond, Orosby's A. MARYLAND.

C. A. Gembrill Mfg. Co. Baltimore.—Best Patent: Patapsco Superlative. Choice Patent: Rolando. Patent: Patapsco Family. Tropical Export Grade: Chesapeake. High Grade Extra: Orange Grove.

MICHIGAN.

Albien Milling Go. Albion.—Patent: Albion. Family and Bakers': B. K. & Co., White Dove, White Roll, Tea Roll, Elite, Continental Star, Tidal Wave.

Velley City Milling Co. Grand Rapids.—Roller Patents and Straights : Roller Champion, Matchless, Lily White, Harvest Queen, Snow Flake, White Loaf. Weish-De Roo Milling Ce. nolland.— Patents: Sunlight, Electric Light. Straights: Daisy, Purity, Standard.
 Stanton Milling Ce. Stanton.—Fancy Patent, Magnet, Family.

MINNESOTA.

- Park Region Roller Mills, Geo. G. S. Campbell, Alexandria.—Patents: Campbell's Pride, Geneva. Straights: No. 1 Hard, Extra No. 1. Bakers': Early Riser, Latoka, Our Mutual Friend.
- Killer, Latoka, Our Initialai Priend.
 Lee & Herrick, Valley Roller Mill, Crookston.—Patent: Best Fancy Patent. Straight: North Star. Bakers': Fife. Low Grade: Skip Jack.
 F. A. & L. Bean, Faribault.—Patents: Polar Star, Faribault City, Best Fancy, Solitaire, Northfield Fancy. Straights: Choice Patent, Diamond Dust, Northfield. Bakers': America, Sampson, Fife, Ocean Foam, Straight. Dust, Northfield. Bal Low Grade: Coronet.

Otter Tall Mill, Fergus Falls.-Best, Family, Forty Per Cent.

- Otter Tail Mill, Fergus Falls.—Best, Family, Forty Per Cent.
 Page Flour Mills, Fergus Falls.—Fancy Patent: Page's Best. Patents: Sterling, Gold Seal. Choice Bakers': Century, Waverly.
 Gardner Mill, Chas. Espenschied, Hastings.—Choice Patents: Axa, Hastings. Patent: Herald. Family: Vermilion. Bakers': Yosemite, Banner.
 Cergili & Feil, Houston.—Patents: Superlative, Pure Gold (copyrighted). Straights: Snow Line, Mistletoe, Olarion. Bakers': Keno, Jim River.
 Hubbard, R. D. & Co. Mankato.—Patent: Superlative. Straights: Orystal, Mankato. Bakers': Otsego.
 Berber, D. R. & Son, Minneapolis.—Patents: White Satin, Barber's Best. Straight: Bon Ton. Bakers': Cataract, Amazon, Par Valae, Thorn Hedge. Low Grade: Victoria.
- Straight : Bon Ton. Low Grade : Victoria.
- Columbia Mill Co. Minneapolis. Patents: Columbia, Superlative, Best. Straights: Manna, Puritan. Bakers': Cores, American. Low Grade: Var-na, Diamond X.

Inamond A.
 Crocker, Fisk & Co. Minneapolis.—Patent: Crocker's Best. Second Patent: Grand. Bakers': Cap Stone. Second Bakers': Roman. Low Grade: Lotus.
 Colaxy Mill Co. Minneapolis.—Patents: Galaxy, White and Gold, Gold Medal. Bakers': Asteroid, Clear Grit, Noonday.
 Hiskie, Groomlasf & Co. Minneapolis.—Patents: Superlative, Supreme, Bonanza, St. A. Patent, Cosmos, Minnesota Chief. Bakers': Climax, Humboldt.
 W. Kreek & Co. Minneapolis. —Patents: Gold Dust A. W. Kreek & Co. Minneapolis.

- W. Krech & Co. Minneapolis.—Patents: Gold Dust, A. W. Krech's Super-lative, Crystal Floss, Hoar Frost, Sparkling Gem, Satisfaction. Bakers': Gold Medal Inland, Climax, Gold Medal, Home, Champion, Clear Grit,
- Bakers': Standard. Second Bakers': Arctic. Export—First Bakers': Front, Rank, Lightning. Second Bakers': Thunder. Low Grade: Pearl.
- Pettit, Christian & Co. Minneapolis.—Patents: Ohristian's Superlative, Triple Ex, Perfection. Bakers': Christian's Extra, Irish Giant, Bakers' Extra. Low Grade: Regulator.
- Pillsbury, Chas. A. & Co. Minneapolis.—Patents: Best, Success, Diamond. Bakers': Pillsbury, Straight.
- Sidie Fletcher Hoimes Co. Minneapolis.—Patents: Northwestern, Granulate Corrugated, Minnehaha, Persian, Murray Hill. Straights: Daily Brea Deflance. Bakers': Paragon, Stonewall.

shbura, Gresby & Co. Minneapolis.—Patents: Washburn's Superlative Gold Medal, Parisian, Triple Extra, Washburn's Extra, "000. ' Bakers Snow Drop, Iron Duke, "No. 1."

Blow Drop, from Duke, "No. 1."
Whitmore Bros. Montevideo—Patent: Cream of the West. Straight: Snow Flake. Bakers: People's Choice. Low Grade: Dakota Chief.
Gili & Forrester, Moorhead Roller Mills, Moorhead, Minn.—Rising Sun Patent, Belle of Moorhead, Lily White, Minnesota XXX.

hei & Chalfant, Osakis.-First Patent: Superb. Second Patent: Fanc Straights: Domestic, Lakeside, Midnight Sun. Bakers': Staudard, Hercule Fancy.

- Eagle Roller Mill Co. New Ulm.—Patents: Surprise, Pure Gold. Second Pat-ents: Eagle Best, New Ulm Enterprise. Bakers': Gold Eagle, Grit, Blizzard.
- Swan Lake Mill Co. Nicollet. --Patent: Electricity (registered). Second Pat-ent: Excellent. Bakers': Old Wheat.
- Le Grange Mill, Red Wing.—First Patents: Star, Corner Stone. Second Pat ents: Chieftain, Old Glory. Bakers': Goodhue, War King. Low Grade: Onyx.

Wabysha Relier Mill Co. Wabasha -Patents : Big Jo, Snow Flake. Straights : XX Diamond Jo XX, Spot Cash, Choice Patent. Bakers': Little Jo, Josie.

Everett, Aughenbaugh & Co. Waseca. — Patents: White Rose, Monitor, Best on Record, Ritzman's Best. Straight: Waseca. Bakers': Choice Bakers'.

Winome Mill Go. Winona.—Patents: Laurel, Pinnacle. Family: Snow Drift. Bakere': Northern Light. MISSOURI.

Plant, Geo. P. Hilling Co. St. Louis.—First Patents: Sweet Home, Plant's A1 Patent. Standard Patents: Plant's Extra Patent, Maximum. Best Straights: Pilgrim, Victor, Favorite. Extra Fancy: Our W. J. S., Oru-sader. Choice: Gold Dust, Saratoga, Light Loaf.

NEBRASKA.

- White & Glade, Oretc.-WINTER WHEAT-Patents: Coronet, Winter Wheat Patent. Straights: Reliance, Silver Gloss. SPRING WHEAT-Patents: Victor, Santa Olaus. Straights: Ohampion, Let Her Roll. Bakers': Ster ling, Red R, Royal, Ohoice Family.
- Omaha Milling and Elevator Co. Omaha.—Patents: Minneapolis Process Superlative, Crow's High Patent, Crow's Patent. Straights: Crow's Su-porlative. First Bakers': Crow's Straight, Standard Patent. Second Bak-ers': Fancy Family, Snow Flake. First Low Grade: Cream.

Surprise, Noile. Bakers: Alax. Urban & Co., Buffalo.—Hard Wheat Patents: Urban's Best, Orown of Golć, Pride of Manitoba. Hard Wheat Straights: S., White Bread, Wallula, Victor. Hard Wheat Bakers': White Oak, Boller B. Winter Wheat Patents Pie Orust, Hungarian Patent. Combination Family: Pearl. Winter Wheat Straights: White Moss Rose, Ellicott, The Urban Oracker Flour, Clawson. OHIO

- Selberling Milling Co. Akron.—Patents: Faultless, Charm, Our Dandy Straights: Empire. Supreme. Bakers': May Queen, White Dove, Snow Flake. Low Grades: Daily Bread, Diamond Dust.
- Schumacher Milling Co. Akron.—German Mills Rolled Avena, German Mills American Oatmeal, Parched Farinose. F. S. New Process Empire Mills 1876, White Cloud, $O \ge A$, Patent A. Straights: Snowflake, Stone-mills, Cascade A, Premium, Old Reliable. Clears: Grant, Peerless, Level Best, Lake. Low Extras: Howard St., Valley.

PENNSYLVANIA.

Market Street Milling Co. Philadelphia.—Putents: Peerless, Family Stand ard. Bakers': Superior Bakers'.

TEXAS.

Texes Star Flour Mills, Galveston.—Patents: Tidal Wave, Neptune, Gulf Stream, Thetis, Sea Fairy, Mermaid, Edelweiss. Extra Fancy: Sea Nymph, Undine. Extra Choice: Sea Jewel, Melite. Family: Sea Pearl, Hera.

VIRGINIA.

The Haxell-Grenshaw Co., Haxell Mills, Richmond.-Southern Winter Wheat Patents and Straights: Byrd Island Patent Family, Haxall, Clara, Orenshaw. Low Grades: Tremont Super, Orange-Mills Fine.

WISCONSIN.

- Durham, Wells & Go. Depere. First Patents: Perfection, Gilt Edge. Second Patents: Delight, Roller Patent, Jack Frost. Bakers': Snow Drift. Low Grade: Standard. Rye Flour: Ohoice.
 John P. Dousman, Depere. First Patents: Best, Top Notch. Second Patents: Sunnyside, Peerless. Bakers': Bee Line. Rye Flour: Straight. Winter Wheat: Echo.

Atlas. Bakers': Crystal. Low Grade: Settlers' Choice.

subel & Ebeling, Green Bay.—First Patent: Cream of Wheat. Second Patent: Snow Drift. Straights: Roller A, Roller B. Low Grade: Extra. Rye Flour: Straight.

- Rye Flour: Straight.
 Oriental Mills, John Schuette, Manitowoc.—First Patent: Oriental. Second Patent: Violet. Straight: Dalsy. Clear: Best Family.
 Kern, J. B. A. & Sen, Milwaukee.—Patents: Success, Kern's. Bakers': Tri-umph, High Ground, Eagle. Rye Brands: A Rye, 1 Rye, Rye.
 Krueger & Lachman, Neenah.—Patents: Fancy—Gilt Edge, Extra—Island City, Corona, Vienna, Purity. Straights: Standard, Straight. Bakers', Extra Low Grades and Pure Rye. Monogram J. C. M. on every package.
 Wulff, Walker & Co. City Mills, Neenah.—First Patent: Snow White. Sec-ond Patent: Home Comfort. Straight: Proud Camelia. Bakers': Morning Glory. Rye: Straight Grade.
- Clobe Milling Co. Watertown.—Patents: Chromach's Superlative, Bunker Hill. Bakers': Tulip, Hekla, BBBB. Straights: Best Family, Choice Winter. Export Grades: White Fawn. Empire Export, Choice Bakars'.

NEW YORK. Contrai Milling Co. Buffalo.—Patent: Bridal Veil (trade-marked), Bakers': Conquest. Low Grade: Counterpane. Schoelikopi & Methews, Buffalo.—Patents: Niagara Falls, Brown's Patent, Surprise, Noble. Bakers': Ajax.

OCTOBER 5, 1888.

W. D. WASHBURN. C. J. MARTIN.

JAS. S. BELL.

JOHN WASHBURN A. V. MARTIN.

Washburn, Martin & Co.

(Successors to Washburn, Crosby & Co.)



CAPACITY.

00,8

RCHAP



"000." BAKERS': SNOW DROP. **IRON DUKE.**

OPERATING THE CELEBRATED



451





OCTOBER 5, 1888.

THE WEEKLY NORTHWESTERN MILLER.



OCTOBER 5, 1888.

THE BEALL CORRUGATION WHAT WE CLAIM FOR IT. It is as far ahead of the ordinary Corrugation as the ordinary Corrugation is ahead of the old millstone. There is no scouring action on the wheat by this Corrugation. If no dirt gets into the flour in the beginning, none has to be taken out at the tail of the mill. The FRANK BEALL CORRUGATION prevents dirt at the beginning. It costs no more to cut this Corrugation than any other kind. The action of our FIRST BREAK opens about 95 per cent of the wheat grains at the seam, and so releases the crease dirt; and this without crushing the berry. We claim for our SECOND BREAK that it makes more middlings, cuts the germ less, makes broader bran, less chips, and whiter break flour, and leaves the stock in a more solid and better condition for the succeeding breaks than any other known milling device. It also largely increases the patent, and greatly improves the other grades of flour. In Support of Our Claims, Read the Letters of the Owners and Head Miller of the First-Class Mill represented by the Cut Below.

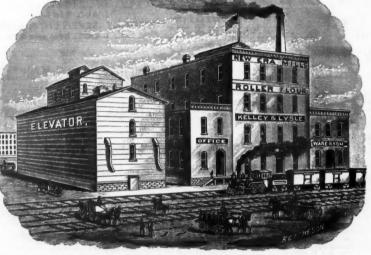
SECOND BREAK

454

PATENTS. United States, 1886, 1887 and 1888. Great Britain and Ireland and the Dominion of Canada, 1887. Belgium, 1888.

.....

WE HAVE MANY SIMILAR LETTERS.



Mr. Beall, the inventor and one of the owners, is now at the Nicollet House, Minneapolis, and will remain about four weeks, and will be glad to meet and give millowners and millers all desired information.

.....

FIRST BREAK

NEW ERA MILLS, LEAVENWORTH, Kan., September 10, 1888. MESSRS. BEALL, HUTCHISON & CO., Decatur, Ill.

Gentlemen: We take pleasure in saying, we are well satisfied with the results obtained by the use of your Improved Furrow and Corrugation, for the reason that our grades of flour are improved, and the per cent of patent and capacity of rolls largely increased; hence can recommend your improvement to the milling fraternity. KELLEY & LYSLE. Yours respectfully,

MESSRS. BEALL, HUTCHISON & CO., Decatur, Ill.

Gentlemen: In reply to your inquiry as to how I like your Corrugations, I have to say that I am more than pleased with the results. All grades of flour are improved, both in color and strength, and the per cent of patent largely increased. The granulating capacity of the rolls is also increased, as is the capacity of the mill; our output since the use of your corrugation having been increased 50 that it has been, on an average, a little over 800 barrels per day. The rolls in the New Era had been re-cut with the then supposed best corrugation only about two weeks, when my attention was called to the Beall Furrow and Corrugation. After full investigation these newly cut rolls were taken out and rolls cut with your improvement substituted. Were I a millowner, I would not take \$10,000 and have your corrugation taken out, if I could not duplicate it again. Wishing you the success your Yours truly, WILLIAM MACDONALD, Head Miller New Era Mills, Leavenworth, Kansas. Improved Corrugation justly merits, I am,

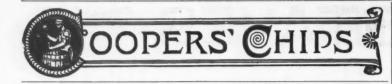
Write for Circulars, Samples of Break Stock, Prices and Terms, to

BEALL, HUTCHISON & CO., Decatur, III.

LEAVENWORTH, Kan., September 15, 1888.



XUM



MINNEAPOLIS.

456

The one-stave barrel has lately been meeting with more favor from millers than formerly, and is selling quite free-ly. On this account the Cottrell shop has been running under full headway.

A representative of the mill at Grand Forks, Da., was in the city last week looking for two coopers to hire. Four-teen cents per barrel on poles is said to be the price paid for making in that

High J. Hughes, an old member of the Sixth street shop, is said to have aspirations for alderman of the Eleventh on the republican ticket. Mr. Hughes is a man well spoken of among the men of his craft.

Geo. J. Elliott, a stockholder of the Hennepin Bbl. Co., expects to very soon go to California. He visited the coast last year, returning in January, and while there purchased a farm which he will now go back to till.

The North Star Bbl. Co. last week made about the largest sales of barrels since it was started. It is employing 38 hired men, besides 56 stockholders, and has to hustle even with this crew, to keep pace with the call made upon it for barrels.

it for barrels. It is said that C. B. Silverton and others will establish a pail factory in Minneapolis this winter that will give employment to some fifty men. A building will be temporarily rented, but by another year a site will be pur-chased near the city and buildings erected. Mr. Silverton comes from Grand Rapids, Mich.

Grand Rapids, Mich. By the retirement of Chas. McC. Reeve from the Hardwood Mfg. Co. as manager, Robert G. Gault, who in the past has acted as office man, also becomes superintendent of the cooper-age factory, and will be an efficient man in that capacity. J. P. Thompson, manager of the bag de-partment, will sell the barrels made by the company. On Friday the em-ployees of the company treated Mr. Reeve to a most happy surprise by presenting him with a very handsome gold headed cane. The Northwestern Bbl. Co. has add-

The Northwestern Bbl. Co. has add-ed more hired mon haritas addmore hired men, having 15 at rk now. With its 38 share-holders, work now. this gives it a coper force of over 50 men, and even then it is crowded to meet the demand of its mills for woodmeet the demand of its mills for wood-en packages. In order to provide itself with barrel storage, the company is erecting a frame storehouse which is 32x106 feet on the ground, and two stories high. The building will hold about 10,000 barrels, and will be so ar-ranged that barrel stock can be re-ceived into it directly from the car.

ceived into it directly from the car. The hired coopers in two shops are now receiving 2c more for making bar-rels than a week ago. They are of the Northwestern and North Star shops. These companies are operated on the coöperative plan, but at the present time, having more work than their members could do, are employing about 53 coopers other than sharehold-ers. As other shops were paying only 5c for hooping off barrels, these two companies allowed the same price to their men, though paying the stock-holders 7c. Five cents for hooping off a barrel is very scant pay for a man to a barrel is very scant pay for a man to support a family on, and the journey-men in the coöperative shops have been restive for some time. This finally culminated in the 15 hired men finally culminated in the 15 hired men of the Northwestern on Monday asking for a raise to 7c, and those of the North Star shortly followed the example. Both companies were hard pressed for barrels and the advance was soon con-ceded. Twelve more men, at the Acme shop, asked for the same price and were assured that they would be paid whatever the others were. A com-mittee was sent to the shop operated by Jas. Kennedy, but the 16 men em-ployed there could not be made to see that it was to their interest to ask the

advance. Their employer was already paying as high wages as the price of barrels he was receiving would war-rant, and if they were to quit work, he would lose the mills he had, and his coopers would then have no work at any price. They thought that half of a loaf was better than no bread at all. The 60 men of the Hardwood Mfg. Co. took a similar view of the sit-uation, and so the price of making in these two shops, the only boss con-cerns in the city, are on the basis of 13c for hand work. It is quite gen-erally believed that the 15c rate pre-vailing at the two or three coöperative shops will be only temporary—that as soon as the present rush for barrels is over, the price will be put back to the 13c basis. The activity in the cooper business

Is over, the price will be put back to the 13c basis. The activity in the cooper business which the MILLER in its last issue stated was impending, is now being fully re-alized. The mills last week took the largest number of barrels sold in over two years, and from the way that the shops are rustling to get barrels, it seems safe to say that the sales will be equally as heavy for the current week. The shops all have as much as they can do, and there are some which have bought all the barrels they could from their neighbors, even then not having as many packages within their com-mand as they would like. Some of the companies have wanted to add to their forces, but advertising and other means adopted have seemingly failed to bring forth the desired help.

The sales and manufacture for four orresponding time last year are show -Make, bbls 1888. 72,280 68,800 1887. 60,500 64,500 63,600 61,000 Sept. 22..... 65.60 22.300 67.900 87.900 87.900 Sept. 15..... 76.300 79.100 67.900 83.600 Sept. 8..... 62.050 72.300 50.350 61.000 The receipts of stock were again large last week, those of elm staves being the heaviest within our recollection, and about every shop in the city got from one to ten cars. There have re-cently been quite free purchases of elm, and it is now being rushed in here to get ahead of an advance in freights set for Oct. 10. The present rate from Chicago will at that time be advanced from 9c to 17c per hundred, if present instructions are carried out. This rate, if enforced, will doubtless affect the price of elm, but so far it is quoted at 10c per set or \$6.25 per thou-sand. The Kansas City road on Sept. 1, guaranteed the 9c rate to some par-ties for three months, and it is not im-probable that this will be made good. Oak staves appear to have been a little more active lately, but are still held at 12c per set. Heading is in fair de-mand, with 42c the price generally prevailing. Very few shaved hoops are now coming, but three cars of green hoop-poles were sold the past week. They were of fair quality, but small, and brought \$9 per thousand. The total receipts of stock for the week as reported by shops were 59 cars, di-vided as follows : Oak staves, 9 cars ; elm staves, 34 ; heading, 7 ; shaved hoops, 3 ; hoop-poles, 3; patent stock, 3. Following are quotations of stock, delivered in Minneapolis : (In calculating the number of sets) 67,900 50,350 Following are quotations of stock, delivered in Minneapolis: (In calculating the number of sets of staves to the thousand, we reckon on 62¹/₂ for

elm and 60 for oak.)			
No. 1 oak st'v's, with h'd'g, per set \$.163	10	.161/
No. 1 elm staves, per set	.10		
Oak staves, without h'd'g, per M		~	7.20
Elm staves, without h'd'g, per M	6.25	@	
Half barrel staves, per set			.073/
Heading, per set	.04	40	.041
Half barrel heading, per set			.04
Hoop poles, per M.	9.00	@	14 00
Shaved hoops, per M	7.00	0	7.25
Head linings, per M	.85	0	.40
Ten-hoop, all oak bbls	.85	@	.36
Ten-hoop, oak and elm bbls	.85	ā	
Ten-hoop, all elm bbls	.35	@	.36
One-stave, flat hoop bbls			.35
Half barrels			.83
Price making 10 hoop hand bbls			
from poles	.13	0	.15
Price hooping off machine bbls			
from poles	.08	(a)	.10
Price hooping off machine bbls			
from shaved hoops	°05	@	.07
* *			

F. E. Grant, who recently retired from the Phcenix Bbl. Co., will engage in farming near Monticello, Minn.

Work on the new barrel factory at Canton, Ga., has begun.

Eber Hubbard, of Chicago, has re-ceived a patent on a device for manu-facturing paper pails.

The Oakes (Da.) Milling Co. is about to start up its new 150 bbl mill, and would like to contract with a reliable party to make its barrels or to secure coopers to work by the piece.

At Demopolis, Ala., has just been or-ganized the Marengo Manufacturing Co. to operate a barrel factory. W. H. Welch is president. There is an abund-ance of oak timber in that section of the country.

the country. At Linwood, Mich., James Hazard's stave and heading mill recently manu-factured 48,000 staves and 3,000 sets of heading in eight hours. Thestave and heading business about Bay City, Mich., has assumed large proportions, and the product this year in staves will exceed 150,000,000.

the product this year in staves will exceed 150,000,000. The Chicago market continues very dull, says the Northwestern Lumber-man. Packers seem disposed to allow pork barrels to drop back to 85c, while tierces are very slow at \$1. Arrivals of staves for the tight barrel coopers are now more liberal, and they are likely to be well supplied, as the roads are clearing up delayed shipments. All kinds of stock are freely offered, ex-cept tierce hoops and pork and syrup barrel hoops, but in a short time they will likely come in sufficiently to meet all requirements of trade. High prices have been paid for hickory tierce hoops, while oak tierce and pork bar-rel hoops have held a good relative position. Anticipations of large re-ceipts of hogs are stimulating the man-ufacturers of packages. Many coopers are buying materials sparingly, and pursuing a conservative course, while awaiting relief through a revival of de-mand for packages. In the eastern markets from which abiments of staves are made the en-

In the eastern markets from which shipments of staves are made the en-tire business is in the hands of a very shipments of staves are made the en-tire business is in the hands of a very few concerns, probably not over half a dozen in New York, and not over two elsewhere, says the Northwestern Lum-berman. These handlers will give but a very limited amount of trade gossip. The leading dealer in staves in Boston, not long ago, politely told our reporter that he would not furnish any infor-mation about the industry, simply be-cause he did not want anything said about it. Publicity would prove al-together too interesting reading to competitors and buyers. Eastern stave dealers obtain supplies largely by the employment of traveling buyers, who soour the producing sections, pick up salable stock and forward it to this market for shipment. The demand is explicit and exacting on sizes and quality; still it only requires experi-ence and good judgment to effect a profitable eastern connection.

profitable eastern connection. Representatives of fifty-three coopers' assemblies from all parts of the country met at Chicago, Sept. 27, and held a three days' session. There were delegates present from New York city, Brooklyn, Jersey City, Hoboken, Bos-ton, East Cambridge, Cincinnati, Cleve-land, Columbus, Louisville, Lexington, St. Louis, Peoria, Buffalo, Baltimore, Milwaukee, Minneapolis, St. Paul, Me-nasha, Moline, Grand Rapids, Terre Haute and numerous other points. William Fitzgerald of New York acted as temporary chairman and R. M. Burke of Chicago as secretary. The main object of the gathering was the formation of a central district organi-zation, under the knights of labor, and this was accomplished. The officers elected were: District master work-man, A. J. McDaniels, Cincinnati; worthy foreman, Leopold Reis, Mil-waukee; recording secretary, R. M. Burke, Chicago ; financial secretary, W. C. Willahan, Grand Rapids; treas-urer, J. J. Kennedy, Chicago. There are 30,000 coopers in America who are knights of labor. Concerted action will at once be taken toward shorten-ing the hours of labor and making uni-form the wages of all coopers through-out the United States and Canada. Representatives of fifty-three coop form the wages of all coopers through-out the United States and Canada.

Jos. Wagner & Co., the San Francis-co millfurnishers, are reported to have been burned out.

KANSAS CHAFF.

[Special Correspondence.]

[Special Correspondence.] The milling interests of Topeka are represented by four flour mills and five corn mills. The flour mills and their capacity are as follows: The Crosby mill, owned and operated by the Cros-by Milling Co., 500 bbls per day; In-ter-Ocean mill, Page, Norton & Co., 500 bbls; Topeka mill, owned and op-erated by the Topeka Mill & Elevator Co., who in addition to making flour also manufacture linseed oil and corn-meal, capacity of flour mill, 350 bbls; Shawnee mill, Shellabarger & Gris-wold, 300 bbls. The firms making a specialty of meal, feed, etc, are Edson & Beck, J. B. Billard, Forbes Bros. and Downs Mill & Elevator Co. The head millers of Topeka are C. F. Whit-ney, Inter-Ocean mill; Mr. Howe, Crosby mill; Peter Plamondon, Shaw-nee mill, and Mr. Sumboldt, Topeka mill. The number of men required in mill. The number of men required in a 500 bbl mill in this city is as here given: One head miller, two second millers, two bolters and spoutsmen, four flour packers, one sweeper, one oiler, one floor boss, four roustatouts, two elevator men, one engineer, two firemen, one millwright and salesmen, firemen, one millwright and salesmen, teamsters, etc. The rate of wages paid is: Head millers, per year, from \$1,200 to \$2,000; second millers, per day, \$3; bolters, per day, \$2; flour packers, \$1.75; oilers, \$1.50; sweepers, \$1.25; en-gineers, \$3 and \$3.50; firemen, \$1.50 and \$2, and millwrights, \$2.50. The mills generally run from Monday morning at seven o'clock until Sunday morning at five o'clock. Some of them give their employes turkeys on Christ-mas, but the most do not.

*

* * A number of capitalists of Kansas City, Mo., have purchased a tract of land in Armourdale, an adjoining sub-urb, and are now at work building a 150-bbl mill. R. P. Woolworth is the busy man of the company. The con-tract for the building has been let and it is to be 42x54 feet and four stories high. The mill complete will cost 40,000. It is expected to have it ready for business by Jan. 1,1889. The Cedar Vale roller mill was ad-vertised to be sold at sheriff's sale Sept. 25.

vertised to be sold at snerm 5 max Sept. 25. Sam. Williams and Al. Kerthy, of Eudora, have bought the roller mill at Eskridge. Mr. Williams has been for a number of years head miller of the Eudora mill and is considered an honor to the profession. C. B. Baer, a practical mill man of St. Jacobs, Ill., has been in Coolidge lately, conferring with the citizens in regard to moving his mill to that place. P. Galbraith, who at one time was traveling salesman for Bowman & Kel-logg, of Atchison, died recently at Atchison, aged 68.

P. Galbraith, who at one time was traveling salesman for Bowman & Kellogg, of Atchison, died recently at Atchison, aged 68.
The Marvin mill was recently burned. Loss about \$7,000; small insurance. The mill had just been equipped with roller machinery costing \$6,000.
The Eudora Milling Co. has filed its charter. Capital stock, \$50,000; directors, G. W. E. Griffith and R. G. Jamison, of Lawrence; J. J. Hiddleston, J. W. Parcels and C. E. Griffith, of Eudora.
Thayer & Brandner are building an addition to their mill at Atchison.
Julius Isenmeyer, of the Sedgwick Mill & Elevator Co., has sold his interest in the business to W. A. Barkmeyer, president of the company.
H. V. Alexander, of Winfeld, has bought an option in the Bliss & Wood mill, of that city, for \$60,000. It is expected that the mill will soon be started up.

min, of that the mill will been started up. Arrangements have been made to rebuild the Riverside mill at Water-ville. Mr. Moore, the proprietor, has gone east to buy the machinery which will be running by Jan. 1, '89. It has just come to light that J. H. Hemperly lost a leg when Towner's mill at Hays City was first started up-a leg of his trousers, which became entangled with a revolving shaft. E. Weaver, proprietor of the Knob Knoster (Mo.) roller mill lately got his hand badly crushed between two rolls. JAYHAWKER.

Topeka, Kan., Oct. 1.

A points that with reason Fork

Ser Dust 12x3 Hurs & Le and Gran

F Go mari 28 fo Cash term dress 114 V

No urer plied addr price

The sion Minution tent for o F. A Police

A ter d would firms barrience of a plan mer west

Or fron 48 in and is 60 new who We For ren,

By Yor lots find

P. hp I

W

Th base which cree kept mill 22x2 cribe mor lars